

# RSA GRID CODE INDUSTRY EXPERTS TEAM MEETING

## MINUTES OF MEETING HELD ON 30 October 2012

Lakeview Boardroom, Victoria Lake, Simmerpan

### ATTENDANCE:

NAME	REPRESENTING	TELEPHONE	EMAIL
Bernard Magoro	Grid Code Secretariat	011-871 2774 083 292 2876	<a href="mailto:magorotb@eskom.co.za">magorotb@eskom.co.za</a>
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Michael Hyde	City of Cape Town	021 918 7066	<a href="mailto:MichaelJohn.Hyde@capetown.gov.za">MichaelJohn.Hyde@capetown.gov.za</a>
<b>MEETING CHAIRPERSON:</b> Bernard Magoro		<b>SECRETARIAT:</b> Target Mchunu	

### APOLOGIES

NAME	REPRESENTING	TELEPHONE	EMAIL
Machiel Viljoen	Eskom . Generation	016-457 5630	<a href="mailto:vilmac@eskom.co.za">vilmac@eskom.co.za</a>
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### VERSION CONTROL:

Version	Changes	Author	Date
00	First draft by Secretariat	Target Mchunu	05 November 2012
01	Comments from Danie & Mike	Target Mchunu	13 November 2012

# **RSA GRID CODE INDUSTRY EXPERTS TEAM MEETING**

## **1 WELCOME**

The Chairman welcomed everyone to the meeting. A safety including evacuation procedure briefing was done.

## **2 APOLOGIES**

Apologies were noted as indicated on the attendants register above.

## **3 FINALISATION OF THE AGENDA**

No additional agenda items were added.

## **4 APPROVAL OF THE PREVIOUS MINUTES**

No review of the previous minutes was done. All previous meetings were dealing with the RPP code.

## **5 MATTERS ARISING**

None

## **6 NEW SUBMISSIONS**

### **6.1 2012DCAMD002: NERSA Amendment to Dx Code Tariff Code 11(3)**

The submitter was not available and the Committee decides that the amendment will be presented at the next IET meeting.

**Action:** Mr L. Ngidi

### **6.2 Transmission connection Charge rules**

Mr G. Moima made presentation of the proposed transmission connection charge rules. It was decided that definitions will be included on the Preamble Code section of the Grid Code. The following actions were raised:

- (i) Review the definition of standard supply.

**Action:** M. Tshipala

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- (ii) The applicant was advised to align the definitions with the current provisions of the Grid Code especially section 7.6.5 of the Network Code.

**Action:** M. Tshipala

- (iii) Establish a working group to look at the criteria to decide the generator connection point, especially the decision whether it should be a *DS* or a *TS* connection.

**Action:** B. Magoro

- (iv) Include a clause on early termination guarantee for load customers.

**Action:** M. Tshipala

- (v) Define Wheeling generators or propose and define an appropriate term.

**Action:** M. Tshipala

- (vi) Clarify the difference between maintenance, refurbishment and replacement of premium assets.

**Action:** M. Tshipala

- (vii) Include the criteria on the timing and decision for replacement premium assets.

**Action:** M. Tshipala

- (viii) Rebate to be based on the life and depreciating asset.

**Action:** M. Tshipala

A concern was raised as to whether the correct experts have reviewed this amendment. The Chairman emphasised that GCAC members are ultimately responsible to ensure that the correct expertise within their constituencies review all amendment proposals.

The Chairman was tasked to circulate the draft amendment once again to all GCAC members and reiterate the importance of their review and influence.

**Action:** B. Magoro

The Chairman questioned the basis for exempting Distributors from paying transmission connection charges. Mr. Tshipala reported that this was a NERSA decision as reflected on the NERSA Transmission Connection Guidelines document.

NERSA was requested to report back on the basis for that decision.

**Action:** C. Geldard

**6.3 Proposal Amendment: 2012DCAMD003: Dx metering code 4.5.4**

Mr T Mchunu presented the proposed amendment and was supported with changes as reflected on the revised amendment.

**Action:** T. Mchunu

**6.4 2012DCEX007 metering code 4.1.1**

The IET discussed the clause in question and recommended that The Secretariat should conduct a gap analysis of the NRS057 standard to identify all the challenging clauses for compliance. This should be presented at the next meeting (15<sup>th</sup> November 2012) where IET will decide on the clauses that should be recommended for suspension. A proposal will be tabled at the next ESLC to consider reviewing the standard given the difficulties to comply with certain sections.

**Action:** T. Mchunu.

IET recommended that the City of Cape Town be granted a temporary exemption for two years while NRS057 is being revised.

**6.5 2012DCEX011: Dx Network code 6.4(3)**

Mr M. Hyde led a discussion regarding the earthing philosophy currently applied by the City of Cape Town (CoCT) and how this deviates from the National Standard. This was clarified in the presentation. The challenge was whether NERSA can approve an exemption for a deviation of a National Standard. A similar exemption was previously approved for Eskom Distribution. After a lengthy discussion, the chairman advised that the exemption be taken back to GCAC to seek advice on the way forward.

**Action:** Mr T. Mchunu

City of Cape Town was also advised to pursue with the project to have their earthing method included recognised in the National standard.

**Action:** Mr. M. Hyde

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### **6.6 2012DCEX013: Dx Network code 7.2.1(4)**

The exemption was supported for GCAC and NERSA approval.

Eskom presented the Least Life Cycle evaluation model they recently developed and mentioned that they were happy to share it with CoCT. CoCT agreed to consider it as an option to adopt rather than developing their own from scratch.

### **6.7 GCEXE12013:GCR6 Drakensberg**

The exemption was supported for GCAC and NERSA approval. However, the applicant was also advised to redraft the exemption to clarify that the requested exemption was only for under-frequency (below 46.5Hz). In addition, they have to specify exactly what the generator can achieve.

**Action:** Mr H. Nel / M. Viljoen

### **6.8 GCEXE12016: A.2.3.3(Large Signal Test)**

IET could not make up of the requested exemption and recommended that the exemption be presented at the next meeting by the subject matter expert from the power station so it can be clearly explained for IET to understand.

**Action:** Mr H. Nel/ M. Viljoen

### **6.9 GCEXE12017:clause 3.1.6.3(1)camden**

The exemption was recommended for approval by GCAC and NERSA. However, the applicant must redraft the exemption in the correct format and indicate what they can achieve.

**Action:** Mr H. Nel/ M. Viljoen

### **6.10 GCEXE12018:clause 3.1.7 (restart after station blackout)**

IET did not support the exemption request due to lack of motivation.

**Action:** Mr H. Nel/ M. Viljoen

## **7 GENERAL**

### **7.1 Scheduling and Dispatch Rules (SDR)**

Chairman reminded all parties affected by the SDR to assess them against rules. Members were also reminded that they can still send comments to the document.

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**Action:** All

### **7.2 Metering of embedded generators**

As a way of background the Chairman explained that there is a gap in the current grid code and distribution codes which calls for all meters to be installed, owned and maintained by the network service provider, while the renewable energy PPA delegated those roles to the generators. IET recommended that a working group be established to give guidance on the issue. The Chairman also recommended that NERSA need to guide the discussion as currently the Distribution and Transmission code were currently being violated.

**Action:** All

### **8 CLOSURE**

The meeting was closed at 12h45.

I hereby certify that these minutes are a true reflection of the proceedings of the meeting held on 30<sup>th</sup> October 2012.

Signature of the Chairman:

Date: