



## **DCUSA CONSULTATION**

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### **DCP 143 - Estimating Missing Reactive Data**

## 1 PURPOSE

- 1.1 The Distribution Connection and Use of System Agreement (DCUSA) is a multi-party contract between electricity Distributors and electricity Suppliers and large Generators.
- 1.2 Parties to the DCUSA can raise a DCUSA Change Proposal (“DCP”) to amend the Agreement. DCPs should better facilitate the DCUSA General Objectives and/or Charging Objectives of the DCUSA document.
- 1.3 Amendments to DCUSA may only be made with the consent of a majority proportion of Parties to the DCUSA, through a voting process, or (where applicable) the Gas and Electricity Markets Authority.<sup>1</sup>
- 1.4 When a DCP is raised, a Working Group is established to assess and develop the proposal in consultation with industry parties and other interested parties.
- 1.5 This document is a consultation issued in accordance with Clause 11.14 of the DCUSA and seeks industry views on Change Proposal DCP 143 – Estimating Missing Reactive Data.
- 1.6 The Consultation has been issued to DCUSA Parties and Ofgem.
- 1.7 Parties are invited to consider the Change Proposal detailed in this consultation and submit comments using the form attached as Appendix C to [dcusa@electralink.co.uk](mailto:dcusa@electralink.co.uk) by **28 September 2012**.

## 2 INTENT OF DCP 143 – ESTIMATING MISSING REACTIVE DATA

- 2.1 DCP 143 has been raised by E.On Energy as a result of the work undertaken by the DCMF MIG Annual Review Billing Supergroup. That group was established to determine best practices in DUoS billing and to facilitate moving the Industry towards such practices in order that Distributors adopt a common approach to billing.
- 2.2 The intent of DCP 143 is to compel Distributors to estimate missing reactive data using a default power factor of 0.9 applied to the Half Hourly (HH) active data.
- 2.3 The DCMF MIG Annual Review Billing Supergroup has assessed different approaches

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<sup>1</sup> For more information about GEMA visit the Ofgem website: <http://www.ofgem.gov.uk/TheAuthority>

used by Distributors under current practice and has determined its view of the optimal common approach that should be adopted in relation to the matter stated in the intent.

- 2.4 The group felt that by having a common approach to billing will make it easier for Suppliers to build validation routines and provides transparency for new entrants.
- 2.5 The Proposer notes that in the case of reactive estimation the Billing Group felt that estimation was the best way forward.
- 2.6 This CP has been deemed a Part 1 matter as it is likely to discriminate in its effect upon Parties as some Distributors may have changes to make to their billing systems while others may not.

### **3 DCP 143 – WORKING GROUP CONSIDERATIONS**

- 3.1 The Working Group is comprised of Distributor and Supplier Parties, as well as Ofgem representation; it is noted that all DCUSA Parties were invited to attend the Working Group.
- 3.2 All Working Group members are supportive of the general principles of DCP 143.
- 3.3 The Working Group reviewed the CP against the following DCUSA General Objective:
  - General Objective 1<sup>2</sup> - Better Facilitated – The Proposer notes that Reactive Power flows must be present in all cases. Where the Supplier does not provide these, the data should be estimated in order to better understand the impact on the network.
  - General Objective 2<sup>3</sup> – Better facilitated – It was explained by the Proposer that DCP 143 will promote consistency and transparency in the methods faced by Suppliers.

### **4 PROPOSED LEGAL TEXT**

- 4.1 The DCP 143 proposed legal text is set out in Appendix B.
- 4.2 Following a review of the proposed legal text by the Working Group after feedback gained from the consultation, it will be issued to the DCUSA legal representative for review.

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<sup>2</sup> The development, maintenance and operation by the DNO Parties and IDNO Parties of efficient, co-ordinated, and economical Distribution Networks

<sup>3</sup> The facilitation of effective competition in the generation and supply of electricity and (so far as is consistent therewith) the promotion of such competition in the sale, distribution and purchase of electricity

## 5 CONSULTATION

5.1 Parties are asked to consider the intent and impact of DCP 143 and answer the following consultation questions:

1. Do you agree with the intent of DCP 143?
2. Do you agree with the principles of DCP 143?
3. Does the CP better facilitate the DCUSA General Objectives 1 and 3? Please provide supporting comments.
4. Do you have any comments on the proposed legal drafting of DCP 143?
5. Should DNOs estimate the reactive data when that data is missing? If not, what alternatives do you feel are available and who should be responsible for this estimation and how could that be codified/enforced within Industry Code Governance? Provide supporting comments.
6. Do you agree with the Power Factor of 0.9 should be used to estimate the missing reactive data? If not, what other value do you feel should be used for this estimation? Please provide supporting comments.
7. Are you aware of any wider industry developments that may impact upon or be impacted by this CP? If so, please give details, and comment on whether the benefit of the change may outweigh the potential impact and whether the duration of the change is likely to be limited.
8. Do you agree with the implementation date of DCP 143?
9. Are there any alternative solutions or matters that should be considered by the Working Group?

5.2 The Consultation response form (Appendix C) should be submitted to [dcusa@electralink.co.uk](mailto:dcusa@electralink.co.uk) no later than **28 September 2012**. Parties are asked to provide as much relevant detail as possible to enable the Working Group to understand the comments and the reasons behind them.

5.3 Responses, or any part thereof, can be provided in confidence. Parties are asked to clearly indicate any parts of a response that are to be treated confidentially.

## 6 NEXT STEPS

6.1 Following the end of the consultation period the Working Group will meet to review and consider the responses. The DCP 143 Working Group will submit its final report setting out the proposed variations to DCUSA Panel before the CP is issued to all

DCUSA Parties for voting.

- 6.2 If you have any questions about this paper or the DCUSA Change Process or would like to participate in the Working Group please contact the DCUSA Help Desk by email to [dcusa@electralink.co.uk](mailto:dcusa@electralink.co.uk) or telephone 020 7432 3014.

## **7 APPENDICES**

- Appendix A – DCP 143 Estimating Missing Reactive Data
- Appendix B – DCP 143 Proposed Legal Text
- Appendix C – Response Form