

## **DCP 266 ARP model**

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2. This document describes an ARP model developed for the DCP 266 working group. The reference version is the pre-release ARP model for 2018/2019 published by the DCUSA Panel in December 2016.

### **Structural changes**

3. The structure of the ARP model has been modified to reflect the changes made by DCP 266.
4. In particular, the ARP has been amended to incorporate the PCDM and Method GM models alongside the embedded CDCM model. This means that LDNO discounts are no longer input data to the ARP, instead they are calculated within the ARP itself.
5. Further details of these changes are described in the relevant sections below.

### **Additional or modified input data**

6. The ARP now requires the user to provide input data relating to the PCDM, as LDNO discounts are calculated within the ARP.
7. Five new input data sheets have been introduced, one for each charging year. These are labelled as “MInputs(Y)”, “MInputs(Y+1)” etc.
8. As a consequence of this change, users are no longer required to populate table “1037 Embedded network (LDNO) discounts” in sheet “CDCM Forecast Data”. The relevant rows have been greyed out.

### **Additional or modified outputs**

9. There are no changes to output tables.

### **Additional or modified calculation tables**

10. The embedded CDCM model now incorporates a PCDM model and a method GM model to resolve the circularities created by DCP 266.

### **Other changes**

11. The embedded VBA script has been modified to copy the PCDM input data for each year into the embedded PCDM model.