

DCP 227 EDCM Impact Assessment Guide

This document is intended as a guide to ensure that DNOs can populate the RFI for an impact assessment of DCP 227 on EDCM tariffs on a consistent basis. DNOs should start from their 2015/16 final EDCM model, and make changes to this to generate a 'base' model. This 'base' model can then be updated to the 'new' model.

'Base' model

The following changes should be made to the '11' worksheet of the DNO's final 2015/16 EDCM model:

| Input | Action |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1100 | Update year (purely aesthetic) |
| 1105 (all) | Update to values in table 2611 of the 'baseline' CDCM model provided by Reckon |
| 1113 (Days in Year) | Update to 365 for 2016/17 |
| 1113 (Annual hours in super-red) | Update to 2016/17 value |
| 1113 (Target Revenue) | Update to value in 'baseline' CDCM model 'Input' worksheet cell F44 (Total Revenue for Use of System Charges) and subtract exit charges from EDCM '11' worksheet cell F17 |
| 1113 (Exit Charges) | Update to value in 'baseline' CDCM model exit charges input |
| 1113 (All others) | Leave unaltered |
| 1122 (all) | Update to values in table 2506 of the 'baseline' CDCM model |
| 1131 (all) | Update to values in table 2706 of the 'baseline' CDCM model |
| 1132 | Update to align with 1122 |
| 1133 & 1134 | Leave unaltered |

| | |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1135 (all) | Update to values in table 2004 of the 'baseline' CDCM model |
| 1181 (all) | Leave unaltered |
| 1182 (all) | Update to values in table 3701 of the 'baseline' CDCM model, taking care to exclude the excess capacity column (I of CDCM table 3701) from the values brought into the EDCM |

In addition to this, changes may be necessary in the 935 worksheet for customers connecting in 2015/16, specifically with reference to the days and hours for which not a customer input (columns X and Y). Whilst it is perhaps not critical that this is carried out entirely consistently across DNOs, Northern Powergrid have taken the view that as these customers were forecast to connect in the 2015/16 charging year, they will be connected for the whole of the 2016/17 charging year, and hence these two inputs in 935 have been set to zero for all customers for the purpose of this impact assessment. At the very least, care should be taken that any values entered for the 'Hours in super-red for which not a customer' do not exceed the number of hours in the super-red period input in the '11' worksheet. Provided these values are kept constant from the 'base' EDCM model to the 'new' EDCM model, there should be no issue for the impact assessment.

'New' Model

The new model should be generated by updating all values in the above table taken from the 'baseline' CDCM provided by Reckon to the CDCM model incorporating DCP 227 provided by Reckon.

Queries

Any queries or corrections to the above should be directed to Andrew Enzor (andrew.ensor@nothernpowergrid.com; 07834 618994)