

Change Proposal – F40/02 (Page 1 of 2)	CP No: 759 (mandatory by BSCCo)
Title <i>(mandatory by originator)</i> Inconsistencies with estimates based on actual HH data more than one month before or after the period of required estimation.	
Description of Change <i>(mandatory by originator)</i> Since the introduction of the 1998 Trading Arrangements, estimation of HH data has been defined in BSCP502 section 4.2. The estimation methods specified in section 4.2.1 (c) and (d) require that estimations should be based on data limited to one month prior, or one month after, the period requiring estimation - utilising data for the same day of week and time periods. BSCP502 4.2.1 (c) and (d) do not specify that actual data should be used on which to base estimates. This has led to inconsistencies in how HH Data Collectors interpret the methods specified. Although previously allowed for calculating estimations in the 100kW (ERS) market, the use of actual data greater than one month old in constructing estimated data is not permitted in BSCP502. The issues are: 1. Where a prolonged period of data estimation is required, and actual data which may be used is either, greater than one month old, or one month after the required estimation period, there is an increased risk of submitting inaccurate data to settlement by producing estimations using previously estimated data; 2. In accordance with BSCP502 4.2.1 (e), where the actual data available is outside the $\pm$ one month window, the Supplier EAC, Profile Class Id and Default Period Profile Class Coefficients (DPPCC) should be used to determine the estimation. These DPPCC's are based on 8 profiles that cover large variations in consumption patterns in the NHH market, and will, therefore, not accurately represent the unique consumption profiles that occur for some sites in the HH market. Where the Supplier EAC is used it is based on data more than one month old to represent a Metering System's consumption. Therefore, the EAC will be no more accurate than using the average load shape of old consumption data, taking into account working days, weekends and public holidays. Also, the Supplier EAC can be an under or over estimate of the site's consumption and could lead to less accurate energy data being submitted to settlements. According to HH Data Collectors, estimations are being produced using data which is either in the one month window but could contain previously calculated estimations, or (where actual data is not available for the whole period) the Supplier EAC, PC Id and DPPCC's. BSCP502 section 3.2.4.7 indicates that on change of HHDC the new HHDC should request up to 3 months of historical data for estimation purposes. It is therefore feasible that, using the rules in BSCP502 section 4.2.1, the new HHDC may not be able to use part of the data requested.	
Proposed Solution(s) <i>(mandatory by originator)</i> Amend BSCP502 as defined in attachment 1 to this CP.	
Justification for Change <i>(mandatory by originator)</i> Ensures greater accuracy in the calculation of HH estimates by specifying that actual data should be used on which to base estimates.	

Other Configurable Items Potentially Affected by Proposed Solution(s) (<i>optional by BSCCo</i>) None
Impact on Core Industry Documents (<i>optional by originator</i>) None
Related Changes and/or Projects (<i>mandatory by BSCCo</i>) None
Originator's Details: BCA Name Organisation Email Address Date 5/02/2002
Attachments: Y* (If Yes, No. of Pages attached:...2.) (delete as appropriate)