

<b>Change Proposal – F40/01</b>	CP No: 1001  <i>Version No: 2</i>
<b>Title</b>  Improvements to Non Half Hourly Data Aggregation (NHHDA) Software application in order to facilitate reporting and improve usability.	
<b>Description of Problem/Issue</b>  The NHHDA software application is currently in need of enhancement to improve reporting functionality in order to support the monitoring of Supplier / Agent Performance.  Secondary benefits of the proposed changes include improved usability and functionality of the NHHDA system. This includes the redesign of some aspects of the 'front end' of the application as well as some 'functionality based' code changes.	
<b>Proposed Solution</b>  The following screens will be modified. A written summary of the screens to be changed can be found as an attachment to this Change Proposal along with screen shots of a proposed screen where appropriate:  <i>Manage Instructions Files [1]</i>  <i>Manage Failed Instructions / Resend Failed instructions / Return Failed Instructions (To be merged into 1 screen) [2]</i>  <i>Browse File Extraction and Transmission [3]</i>  <i>Browse File Loading Status [4]</i>  <i>Schedule Aggregation Run [5]</i>	

## Change Proposal – F40/01

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*Version No: 2*

*Browse Aggregation Files – two screens [6]*

*Reports For Viewing [7]*

### **New System Parameter**

The addition of a new system parameter to allow the contents of instruction database tables to be retained after the archiving of the corresponding data files.

### **In addition to these changes the following reports will be included/amended:**

*'Select All' reporting function added to failed instructions Screen.*

*Addition of the Filename / File ID to the instructions report.*

*The Provision of 1 A12 report per partition per aggregation (This is currently included in the L0037 reports, one per partition).*

*The addition of a report to count Instruction Files, the option will be added to split the instruction files by file type and market participant (for a user-specified date range).*

*Combination of the Single Metering System History and Metering System EAC/AA report: Provision of the ability to combine these two reports into one.*

*Change to Creating Reports / Reports for Viewing Screen: Be able to view more than one report at a time and the ability to view a Metering System History or EAC/AA report in reports for viewing without having to exit the Metering System History or Metering System EAC/AA Screens that the report was created in.*

*Incorporation of the EAC / AA reporting tool.*

*New Report – DC Performance: A report that would provide counts/sub-totals of EAC/AAs, by settlement class, Supplier and NHHDC for a single settlement date. This report would be created and stored in a temporary table.*

*Extra D0023 Reporting Functions: The ability to report D0023 exceptions by type, approaching RF and with 'age analysis' (i.e. D0023 reporting history).*

*Extra AA Reporting Functions: Report on metering systems without an AA for >1 year + an AA summary report.*

*Error Reporting Change: When an attempt to corrupt a file is made whilst instruction processing is underway, an error is reported back. But in reality, this job gets queued up and is carried out as soon as instruction processing is finished. Change this from an error reporting prompt, to an information prompt*

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<p><i>stating say 'This Job has been queued up awaiting the end of instruction processing'.</i></p> <p><i>D0023 Report: Reporting Facility on the D0023 extracted.</i></p> <p><i>Report MPANs settling on a default EAC for a certain settlement date.</i></p> <p>Load MDD Report to include changes made in MDD, as well as Exceptions:</p>	
<p><b>Justification for Change</b></p> <p>These changes both increase the ease of use and functionality of the NHHDA system, as well as providing reporting functions that will enable DAs to provide performance data to the Performance Assurance Board.</p>	
<p><b>Configurable Items Potentially Affected by Proposed Solution(s)</b> <i>(optional by Originator)</i></p> <p>NHHDA Software Application and all associated documentation</p>	
<p><b>Impact on Core Industry Documents</b></p> <p>None</p>	
<p><b>Related Changes and/or Projects</b></p> <p>Upgrade of NHHDA to Oracle 9i (See release date below)</p>	

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<b>Requested Implementation Date</b> <i>As NHHDA Oracle 9i Release Date</i>  <b>Reason: Testing Synergy</b>	
<b>Agreed Release/Implementation Date (mandatory by BSCCo)</b>	
<b>Originator's Details:</b>  <b>BCA Name.....John Lindup</b>  <b>Organisation.....ELEXON</b>  <b>Email Address.....john.lindup@elexon.co.uk</b>  <b>Date.....03/09/2003</b>	
<b>Attachments: 7 (No. of Pages attached: )</b>	

Annex 1

Manage Instruction Files

**Manage Instruction Files**

**Criteria**  
Market Role  Participant

**Restrict To**  
Rejected  Received  Processed

Rejected Files: 0  
Received Files: 0  
Last Loaded/Processed Instr Seq No: 0  
Last Loaded/Processed File Seq No: 0  
(excluding)

Skip to File Seq No:

File Name	Original File Name	File Type	Date Received	File Seq No	First Instr Seq No	Last Instr Seq No	File Status	Select
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>

Reprocess  Erupt  Select All

Annex 2

Manage Failed Instructions / Resend Failed instructions / Return Failed Instructions (To be merged into 1 screen)

**Criteria**

Processed Data From  To  Market Role  Participant  Instr Type

Metering System  Distributor  Resend  Reprocess  Instr Seq No.

**Instructions**

Participant	Instr Seq No.	Instr. Type	Significant Date	Metering System	Resent Date	Resent File ID	Reprocess
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>

Mark for Resend    Resend All    Resend All not Sent    Reprocess All    Select All

**Additional File Details**

FileName

File Received

File Created

View

**Reasons**

Seq No	Reason	Action State
		<input type="checkbox"/>
		<input type="checkbox"/>
		<input type="checkbox"/>

Resolvable    Unresolvable    Resolved    Select All

Annex 3

Browse File Extraction and Transmission

The screenshot shows a software window titled "Browse File Extraction and Transmission Status". It contains several sections for user input and data display:

- Criteria:** A section with input fields for "From Date" (18/08/2003), "To Date" (18/08/2003), "Type", "Market Role", "Participant", and "Status".
- File Extraction and Transmission Statuses:** A table with columns: Participant, Date Extracted, Date Transmitted, File Type, and Status. The table is currently empty.
- Additional File Details:** A section with a "Filename" input field, a "View" button, and a "Resend" button.
- Report Criteria:** A section with "Metering System" and "Exception Type" input fields, and a "Report" button.

Annex 4

Browse File Loading Status

**Browse File Loading Statuses**

**Criteria**  
Date From: 18/08/2003 Date To: 18/08/2003 Type: Market Role: Participant: Status:

**File Loading Statuses**

Participant	Date Received	File Type	Status	File Seq No.	Instruction Seq Nos.

**Additional File Details**  
File Id: Filename: Original Filename: Last Processed:

**Instruction Status**  
Number of Instructions: Status Number Percentage:

**View**



Annex 6

Browse Aggregation Files (Screen 1)

**Criteria**  
From Date: 18/08/2003 To Date: 18/08/2003 Type:  Market Role:  Participant:  Status:

Settlement Date:  Settlement Code:  GSP Group:  Data Aggregator Run Number:

**File Extraction and Transmission Statuses**

Participant	Date Extracted	Date Transmitted	File Type	Status	GSP Groups

**Additional File Details**  
Filename:   
Settlement Date:   
Settlement Code:   
Data Aggregator Run Number:   
AA percentage:

**Report Criteria**  
Metering System:   
Exception Type:

Buttons: View, Resend, Report

Browse Aggregation Files (Screen 2)

**Criteria**  
From Date: 18/08/2003 To Date: 18/08/2003 Type:  Market Role:  Participant:  Status:

Settlement Date:  Settlement Code:  GSP Group:  Data Aggregator Run Number:

**File Extraction and Transmission Statuses**

Participant	Date Extracted	Date Transmitted	File Type	Status	GSP Groups

**Additional File Details**  
Filename:   
Settlement Date:   
Settlement Code:   
Data Aggregator Run Number:   
AA percentage:

**Report Criteria**  
SSC:   
Distr:   
LLFC:   
PC:   
Supplier:

Buttons: View, Resend, Report

