## Data Flow Index

*KEY: Any changes are marked before the data flow reference as either (n)ew or (u)pdated. BSC owned data flows are marked before the data flow reference with a (b). Deleted data flows are shown in brackets.*

|  |  | Flow Ref | **Flow Name** | **From** | **To** |
| --- | --- | --- | --- | --- | --- |
|  |  | D0001 V001 | Request Metering System InvestigationRequest Metering System Investigation | Distributor | HHDC |
|  |  |  |  | Distributor | NHHDC |
|  |  |  |  | Distributor | Supplier |
|  |  |  |  | HHDC | MOP |
|  |  |  |  | HHDC | Supplier |
|  |  |  |  | NHHDC | MOP |
|  |  |  |  | NHHDC | Supplier |
|  |  |  |  | NHHDR | NHHDC |
|  |  |  |  | Supplier | HHDC |
|  |  |  |  | Supplier | MOP |
|  |  | D0002 V001 | Fault Resolution Report or Request for Decision on Further Action | HHDC | Distributor |
|  |  |  |  | HHDC | Supplier |
|  |  |  |  | MOP | HHDC |
|  |  |  |  | MOP | MOP |
|  |  |  |  | MOP | NHHDC |
|  |  |  |  | MOP | Supplier |
|  |  | D0003 V001 | Half Hourly Advances | Distributor | Supplier |
|  |  |  |  | HHDC | Distributor |
|  |  |  |  | HHDC | MOP |
|  |  |  |  | HHDC | Supplier |
|  |  |  |  | Supplier | HHDC |
|  |  | D0004 V001 | Notification of Failure to Obtain Reading | HHDC | Supplier |
|  |  |  |  | NHHDC | Supplier |
|  |  |  |  | NHHDR | NHHDC |
|  |  | D0005 V001 | Instruction on Action | Distributor | HHDC |
|  |  |  |  | HHDC | MOP |
|  |  |  |  | MOP | HHDC |
|  |  |  |  | Supplier | HHDC |
|  |  |  |  | Supplier | MOP |
|  |  |  |  | Supplier | NHHDC |
|  |  | D0008 V001 | Meter Advance Reconciliation Report | HHDC | Distributor |
|  |  |  |  | HHDC | Supplier |
|  |  | D0010 V002 | Meter Readings | Distributor | NHHDC |
|  |  |  |  | HHDC | Distributor |
|  |  |  |  | HHDC | HHDC |
|  |  |  |  | HHDC | Supplier |
|  |  |  |  | MOP | Distributor |
|  |  |  |  | MOP | HHDC |
|  |  |  |  | MOP | MOP |
|  |  |  |  | MOP | NHHDC |
|  |  |  |  | MOP | Supplier |
|  |  |  |  | NHHDC | Distributor |
|  |  |  |  | NHHDC | NHHDC |
|  |  |  |  | NHHDC | Supplier |
|  |  |  |  | NHHDR | NHHDC |
|  |  |  |  | Supplier | Distributor |
|  |  |  |  | Supplier | NHHDC |
|  |  |  |  | Supplier | Supplier |
|  |  | D0011 V001 | Agreement of Contractual Terms | HHDA | Supplier |
|  |  |  |  | HHDC | Supplier |
|  |  |  |  | MOP | Supplier |
|  |  |  |  | NHHDA | Supplier |
|  |  |  |  | NHHDC | Supplier |
|  |  | D0012 V001 | Confirmation of the Inclusion of the Metering Point in the Reading Schedules | HHDC | Distributor |
|  |  |  |  | HHDC | Supplier |
|  |  |  |  | NHHDC | Distributor |
|  |  |  |  | NHHDC | Supplier |
| **(b)** |  | D0018 V001 | Daily Profile Data Report | SVAA | NHHDC |
| **(b)** |  |  |  | SVAA | Supplier |
| **(b)** |  | D0019 V001 | Metering System EAC/AA Data | NHHDC | NHHDA |
| **(b)** |  |  |  | NHHDC | Supplier |
|  |  | D0022 V001 | Estimated Half Hourly Data Report | HHDC | Distributor |
|  |  |  |  | HHDC | Supplier |
| **(b)** |  | D0023 V001 | Failed Instructions | HHDA | MPAS Agent |
| **(b)** |  |  |  | NHHDA | MPAS Agent |
| **(b)** |  |  |  | NHHDA | NHHDC |
| **(b)** |  | D0028 V001 | Standing Profile Data Report | SVAA | NHHDC |
| **(b)** |  |  |  | SVAA | Supplier |
| **(b)** |  | D0029 V001 | Standard Settlement Configuration Report | SVAA | NHHDC |
| **(b)** |  |  |  | SVAA | Supplier |
| **(b)** |  | D0030 V001 | Aggregated DUoS Report | SVAA | Distributor |
| **(b)** |  |  |  | SVAA | Supplier |
|  |  | D0032 V001 | (Agreement on a Change of Supplier Reading) |  |  |
|  |  | D0033 V001 | (Disagreement on a Change of Supplier Reading) | NHHDC | NHHDC |
|  |  |  |  | NHHDC | Supplier |
|  |  |  |  | Supplier | NHHDC |
|  |  | D0035 V001 | (Authorisation of the Data Collector to Make Customer Appointment) |  |  |
|  |  | D0036 V001 | Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix | HHDC | Distributor |
|  |  |  |  | HHDC | HHDA |
|  |  |  |  | HHDC | HHDC |
|  |  |  |  | HHDC | Supplier |
| **(b)** |  | D0039 V001 | Daily Profile Coefficient File | SVAA | NHHDC |
| **(b)** |  | D0040 V001 | (Aggregated Half Hour Data File) |  |  |
| **(b)** |  | D0040 V002 |  | HHDA | Supplier |
| **(b)** |  |  |  | HHDA | SVAA |
| **(b)** |  | D0040 V003 | Aggregated Half Hour Data File | HHDA | Supplier |
| **(b)** |  |  |  | HHDA | SVAA |
| **(b)** |  | D0041 V001 | Supplier Purchase Matrix Data File | NHHDA | Supplier |
| **(b)** |  |  |  | NHHDA | SVAA |
| **(b)** |  | D0043 V001 | Supplier Deemed Take Report | SVAA | Supplier |
|  |  | D0051 V001 | Affirmation of Half Hour Data Retrieval Method and Associated Details | HHDC | Supplier |
|  |  | D0052 V001 | Affirmation of Metering System Settlement Details | Supplier | NHHDC |
|  |  |  |  | UMSO | NHHDC |
|  |  |  |  | UMSO | Supplier |
|  |  | D0055 V001 | Registration of Supplier to Specified Metering Point | Supplier | MPAS |
|  |  | D0057 V001 | Rejection of Registration | MPAS | Supplier |
|  |  | D0058 V001 | Notification of Termination of Supply Registration | MPAS | Supplier |
|  |  | D0060 V001 | (Notification to Ensure ERS Records are Maintained Independently) |  |  |
|  |  | D0064 V001 | Notification of an Objection to Change of Supplier Made By the Old Supplier | Supplier | MPAS |
|  |  | D0065 V001 | Confirmation of Receipt of a Registration Objection | MPAS | Supplier |
|  |  | D0066 V001 | Rejection of a Registration Objection | MPAS | Supplier |
|  |  | D0067 V001 | Notification of an Objection to Change of Supplier Sent to the New Supplier | MPAS | Supplier |
|  |  | D0068 V001 | Removal of Registration Objection | Supplier | MPAS |
|  |  | D0069 V001 | Rejection of Registration Objection Removal | MPAS | Supplier |
|  |  | D0071 V001 | Customer Own Reading or Supplier Estimated Reading on Change of Supplier | Supplier | NHHDC |
|  |  | D0072 V001 | Instruction to Obtain Change of Supplier Reading | Supplier | NHHDC |
|  |  | D0076 V001 | (Half Hourly DUoS Report - Supplier) |  |  |
|  |  | D0077 V001 | (Half Hourly DUoS Report - Distributor) |  |  |
|  |  | D0078 V001 | (Pool Funds Report) |  |  |
| **(b)** |  | D0079 V001 | Supplier Purchase Report | SVAA | Supplier |
|  |  | D0080 V001 | (Supplier - Supplier Purchase Report (Scottish Settlements)) |  |  |
| **(b)** |  | D0081 V001 | Supplier Half Hourly Demand Report | SVAA | Supplier |
| **(b)** |  | D0082 V001 | Supplier - Supplier Purchase Matrix Report | SVAA | Supplier |
|  |  | D0083 V001 | (TUoS Report) |  |  |
|  |  | D0086 V002 | Notification of Change of Supplier Readings | NHHDC | Distributor |
|  |  |  |  | NHHDC | NHHDC |
|  |  |  |  | NHHDC | Supplier |
|  |  | D0088 V001 | (Confirmation of Supplier Initiated Change to Metering Point Details) |  |  |
|  |  | D0089 V001 | (Notification from MPAS of Changed Metering Point Details) | MPAS | Supplier |
|  |  | D0089 V002 | Notification from MPAS of Changed Metering Point Details | MPAS | Supplier |
|  |  | D0090 V001 | Confirmation of the Removal of a Registration Objection | MPAS | Supplier |
|  |  | D0091 V001 | (Notification of Removal of a Registration Objection) | MPAS | Supplier |
|  |  | D0091 V002 | Notification of Removal of a Registration Objection | MPAS | Supplier |
|  |  | D0092 V001 | Advice to an Old Supplier of a Change of Supply Registration Deletion | MPAS | Supplier |
|  |  | D0093 V001 | Advice to a New Supplier of a Change of Supply Registration Deletion | MPAS | Supplier |
|  |  | D0094 V001 | (Daily Profile Total Extract) |  |  |
| **(b)** |  | D0095 V001 | Non Half Hourly Data Aggregation Exception Report | NHHDA | Supplier |
|  |  | D0125 V001 | Confirmation of Disconnection of Supply | Distributor | Supplier |
|  |  | D0126 V001 | Asset Condition Report Response / Clearance | SFIC | MOP |
|  |  |  |  | SFIC | Supplier |
|  |  | D0128 V001 | (Provision of Customer and Site Details) |  |  |
|  |  | D0131 V001 | Metering Point Address Details | Supplier | HHDC |
|  |  |  |  | Supplier | MOP |
|  |  |  |  | Supplier | NHHDC |
|  |  | D0132 V001 | Details of Disconnection of Supply | Supplier | Distributor |
|  |  | D0134 V001 | Request to Change Energisation Status | Supplier | Distributor |
|  |  |  |  | Supplier | MOP |
|  |  | D0135 V001 | (Asset Condition Report) | HHDC | SFIC |
|  |  |  |  | MOP | SFIC |
|  |  |  |  | NHHDC | SFIC |
|  |  |  |  | NHHDR | NHHDC |
|  |  |  |  | Supplier | SFIC |
|  |  | D0135 V002 | Asset Condition Report | HHDC | SFIC |
|  |  |  |  | MOP | SFIC |
|  |  |  |  | NHHDC | SFIC |
|  |  |  |  | NHHDR | NHHDC |
|  |  |  |  | Supplier | SFIC |
|  |  | D0136 V001 | Report to Supplier of Possible Irregularity | Distributor | Supplier |
|  |  |  |  | HHDC | Supplier |
|  |  |  |  | MOP | Supplier |
|  |  |  |  | NHHDC | Supplier |
|  |  |  |  | NHHDR | NHHDC |
|  |  |  |  | PPMIP | Supplier |
|  |  | D0139 V001 | Confirmation or Rejection of Energisation Status Change | Distributor | MOP |
|  |  |  |  | Distributor | Supplier |
|  |  |  |  | MOP | Distributor |
|  |  |  |  | MOP | HHDC |
|  |  |  |  | MOP | NHHDC |
|  |  |  |  | MOP | Supplier |
|  |  | D0141 V001 | (Proving Test Details) |  |  |
|  |  | D0142 V001 | Request for Installation or Change to a Metering System Functionality or the Removal of All Meters | Supplier | MOP |
|  |  | D0147 V001 | (Request for Change of Metering System Configuration) |  |  |
|  |  | D0148 V001 | Notification of Change to Other Parties | Supplier | HHDC |
|  |  |  |  | Supplier | MOP |
|  |  |  |  | Supplier | NHHDC |
|  |  | D0149 V001 | Notification of Mapping Details | MOP | Distributor |
|  |  |  |  | MOP | MOP |
|  |  |  |  | MOP | NHHDC |
|  |  |  |  | MOP | Supplier |
|  |  | D0150 V001 | Non Half-hourly Meter Technical Details | Distributor | MOP |
|  |  |  |  | MOP | Distributor |
|  |  |  |  | MOP | MOP |
|  |  |  |  | MOP | NHHDC |
|  |  |  |  | MOP | Supplier |
|  |  | D0151 V001 | Termination of Appointment or Contract by Supplier | Supplier | HHDA |
|  |  |  |  | Supplier | HHDC |
|  |  |  |  | Supplier | MOP |
|  |  |  |  | Supplier | NHHDA |
|  |  |  |  | Supplier | NHHDC |
|  |  | D0152 V001 | Metering System EAC/AA Historical Data | NHHDC | NHHDC |
|  |  | D0153 V001 | Notification of Data Aggregator Appointment and Terms | Supplier | HHDA |
|  |  |  |  | Supplier | NHHDA |
|  |  | D0154 V001 | (Notification of Request for Charging Purposes) |  |  |
|  |  | D0155 V001 | Notification of Meter Operator or Data Collector Appointment and Terms | Supplier | HHDC |
|  |  |  |  | Supplier | MOP |
|  |  |  |  | Supplier | NHHDC |
|  |  | D0161 V001 | (BSP Group Take) |  |  |
|  |  | D0162 V001 | (Transmission Losses Report - Scotland) |  |  |
|  |  | D0163 V001 | (Notification of Commissioning Details) |  |  |
|  |  | D0164 V001 | Notification of New or Changed Interruption of Supply | Distributor | HHDC |
|  |  |  |  | Distributor | Supplier |
|  |  | D0166 V001 | Distribution System Enquiry | Supplier | SFIC |
|  |  | D0167 V001 | Response to Distribution System Enquiry | SFIC | Supplier |
|  |  | D0168 V001 | Request for Additional/New MPAN Core(s) | MOP | Supplier |
|  |  | D0169 V001 | Allocation of New/Additional MPAN Core(s) | Supplier | MOP |
|  |  | D0170 V001 | Request for Metering System Related Details | HHDC | HHDC |
|  |  |  |  | MOP | Distributor |
|  |  |  |  | MOP | MOP |
|  |  |  |  | NHHDC | MOP |
|  |  |  |  | NHHDC | NHHDC |
|  |  |  |  | NHHDC | Supplier |
|  |  |  |  | Supplier | HHDC |
|  |  |  |  | Supplier | MOP |
|  |  |  |  | Supplier | NHHDC |
|  |  | D0171 V001 | Notification of Distributor Changes to Metering Point Details | MPAS | Supplier |
|  |  | D0172 V001 | Confirmation of Changes | MPAS | DCC |
|  |  |  |  | MPAS | Supplier |
|  |  | D0173 V001 | Token Transaction Data | PPMIP | Supplier |
|  |  | D0174 V001 | Issue Identity Card for Token Meter Customer | Supplier | PPMIP |
|  |  | D0175 V001 | (Token Meter Readings) |  |  |
|  |  | D0176 V001 | Request Tariff/Debt Change on Token Meter | Supplier | MOP |
|  |  | D0178 V001 | Confirmation of Token Meter Installation | MOP | Supplier |
|  |  | D0179 V001 | Confirmation of Energisation/De-Energisation of Prepayment Meter | Distributor | Supplier |
|  |  |  |  | MOP | Supplier |
|  |  | D0180 V001 | Request to Energise/De-Energise/Shut Down Prepayment Meter | Supplier | MOP |
|  |  | D0181 V001 | (Smart Card Credit Purchase Transactions) | PPMIP | Supplier |
|  |  | D0182 V001 | (Smart Card Meter Readings) | PPMIP | Supplier |
|  |  | D0183 V001 | (Issue New Customer Smart Card) | Supplier | MOP |
|  |  |  |  | Supplier | PPMIP |
|  |  | D0184 V001 | (Issue Replacement Smart Card) | Supplier | MOP |
|  |  |  |  | Supplier | PPMIP |
|  |  | D0185 V001 | (Command Acknowledgements for Smart Card Meter) |  |  |
|  |  | D0186 V001 | (Command Cancellation Advice) |  |  |
|  |  | D0187 V001 | (Status Message for Tariff Update, Mode Change, Tariff Change or Debt Clearance) | PPMIP | Supplier |
|  |  | D0188 V001 | Key Transaction Details | PPMIP | Supplier |
|  |  | D0189 V001 | Adjust Key Meter Debt/Recovery Rate at Specific Locations | Supplier | PPMIP |
|  |  | D0190 V001 | Issue Customer Key | Supplier | MOP |
|  |  |  |  | Supplier | PPMIP |
|  |  | D0191 V001 | Request Special Visit to Read/Reset Key Meter | Supplier | MOP |
|  |  | D0192 V001 | Readings and Settings from a Token or Key Meter | MOP | Supplier |
|  |  | D0193 V001 | Confirmation of Key Meter Installation | MOP | Supplier |
|  |  | D0194 V001 | Request for Installation of Key Meter | Supplier | MOP |
|  |  | D0197 V001 | (Smart Card Commands to Remote Terminals) | Supplier | PPMIP |
|  |  | D0199 V001 | (Status Message Report for Previous Card/Security Event Report or Previous Customer/Requested Snapshot) | PPMIP | Supplier |
|  |  | D0200 V001 | (Request Installation of Smart Card Meter) | Supplier | MOP |
|  |  | D0201 V001 | (Confirmation of Smart Card Meter Installation) | MOP | Supplier |
|  |  | D0202 V001 | Readings and Settings from a Removed Smart Card Meter | MOP | Supplier |
|  |  | D0203 V001 | Rejection of Changes to Metering Point Details | MPAS | Supplier |
|  |  | D0204 V001 | (Selective or Full Refresh of MPAS Details) | MPAS | Supplier |
|  |  | D0204 V002 | Selective or Full Refresh of MPAS Details | MPAS | Supplier |
|  |  | D0205 V001 | Update Registration Details | Supplier | MPAS |
| **(b)** |  | D0209 V001 | Instruction(s) to Non Half Hourly or Half Hourly Data Aggregator | MPAS | HHDA |
| **(b)** |  |  |  | MPAS | NHHDA |
|  |  | D0211 V001 | (Refresh of Non Half Hourly or Half Hourly Data Aggregation Records) |  |  |
|  |  | D0213 V001 | (Advice from MPAS of Changed Metering Point Details) | MPAS | Supplier |
|  |  | D0213 V002 | Advice from MPAS of Changed Metering Point Details | MPAS | Supplier |
|  |  | D0214 V001 | Confirmation of Proving Tests | MOP | Distributor |
|  |  |  |  | MOP | HHDC |
|  |  |  |  | MOP | Supplier |
|  |  | D0215 V001 | Provision of Site Technical Details | Distributor | MOP |
|  |  |  |  | Distributor | Supplier |
|  |  | D0216 V001 | Request Installation of Token Meter | Supplier | MOP |
|  |  | D0217 V001 | (Confirmation of the Registration of a Metering Point) | MPAS | Supplier |
|  |  | D0217 V002 | Confirmation of the Registration of a Metering Point | MPAS | Supplier |
|  |  | D0218 V001 | (Confirmation of Check Meter or Accuracy Test Results) |  |  |
|  |  | D0219 V001 | (Change of Timing Device Only) |  |  |
|  |  | D0221 V001 | Notification of Failure to Install or Energise Metering System | MOP | Supplier |
|  |  | D0222 V001 | Change in Customer Details | MOP | Supplier |
|  |  |  |  | NHHDC | Supplier |
|  |  |  |  | NHHDR | NHHDC |
|  |  | D0223 V001 | Request to Install Check Meter or Carry Out Accuracy Tests | Supplier | MOP |
|  |  | D0224 V001 | Notification of Programme for Re-Certification Meter Changes | MOP | Supplier |
|  |  | D0225 V001 | (Customer Priority Service Details) | Distributor | Supplier |
|  |  |  |  | Supplier | Distributor |
|  |  |  |  | Supplier | MOP |
|  |  |  |  | Supplier | NHHDC |
|  |  | D0225 V002 | Priority Services Details | Distributor | Supplier |
|  |  |  |  | Supplier | Distributor |
|  |  |  |  | Supplier | MOP |
|  |  |  |  | Supplier | NHHDC |
|  |  | D0226 V001 | (Registration of Change of Supplier for Continuing ERS Traded MPAN) |  |  |
| **(b)** |  | D0227 V001 | BSCCo Market Domain Data File | MDDA | NHHDA |
| **(b)** |  |  |  | MDDA | NHHDC |
|  |  | D0230 V001 | (Market Domain Data Incremental Set) |  |  |
|  |  | D0235 V001 | Half Hourly Aggregation Exception Report | HHDA | HHDC |
|  |  |  |  | HHDA | Supplier |
|  |  | D0236 V001 | Revenue Protection Service Statistical Report | RPS | Supplier |
|  |  | D0237 V001 | Notification by Revenue Protection Service of Possible Irregularity | RPS | Supplier |
|  |  | D0238 V001 | Request and Information for Revenue Protection Investigation | Supplier | RPS |
|  |  | D0239 V001 | Revenue Protection Report on Action Taken | RPS | MOP |
|  |  |  |  | RPS | Supplier |
|  |  | D0242 V001 | Supercustomer DUoS Daily Statement | Distributor | Supplier |
|  |  | D0243 V001 | (Generation Allocation Report for Independent Generator Parties) |  |  |
|  |  | D0244 V001 | (Confirmation of Acceptance of Scottish Generation Allocation Schedule) |  |  |
|  |  | D0245 V001 | (Deemed Between Area Generator Trades in Scottish Company's Area Involving Independent Generators who are Party to a GA Trading Relationship) |  |  |
|  |  | D0246 V001 | (Deemed Within Area Generator Trades in Scottish Company's Area Involving Independent Generators who are Party to a GA Trading Relationship) |  |  |
|  |  | D0247 V001 | (Generator and Supplier Programmed Transfers in Scottish Company's Area) |  |  |
|  |  | D0248 V001 | (Scottish Supplier and Independent Generator Deemed Exports out of Scotland Involving Independent Generators who are Party to a Trading Relationship) |  |  |
|  |  | D0249 V001 | (Scottish Supplier and Generator Imports into Scotland) |  |  |
|  |  | D0250 V001 | (Generation Allocation Report for Suppliers) |  |  |
|  |  | D0251 V001 | (Scottish Company Transmission Loss Multiplier) |  |  |
|  |  | D0252 V001 | (Scottish Independent Generator Output) |  |  |
|  |  | D0253 V001 | (Generation Allocation Report on Error Account Term) |  |  |
|  |  | D0254 V001 | (Scottish Import Requirement of Independent Power Stations) |  |  |
|  |  | D0255 V001 | (Report on Scottish Trading Relationship Allocations) |  |  |
|  |  | D0256 V001 | (Generation Allocation Report for Host Company on Residual Requirements) |  |  |
|  |  | D0257 V001 | (Submission of Scottish Generation Allocation Schedule) |  |  |
|  |  | D0258 V001 | (Rejection of Scottish Generation Allocation Schedule) |  |  |
|  |  | D0259 V001 | (Notification to New Supplier of Future Changes) | MPAS | Supplier |
|  |  | D0259 V002 | Notification to New Supplier of Future Changes | MPAS | Supplier |
|  |  | D0260 V001 | (Notification from MPAS of Old Supplier Registration Details) | MPAS | Supplier |
|  |  | D0260 V002 | Notification from MPAS of Old Supplier Registration Details | MPAS | Supplier |
|  |  | D0261 V001 | Rejection of Agent Appointment | HHDA | Supplier |
|  |  |  |  | HHDC | Supplier |
|  |  |  |  | MOP | Supplier |
|  |  |  |  | NHHDA | Supplier |
|  |  |  |  | NHHDC | Supplier |
|  |  | D0262 V001 | Rejection of Disconnection | Distributor | Supplier |
|  |  | D0264 V001 | (Scottish Supplier Deliveries Report) |  |  |
| **(b)** |  | D0265 V001 | Line Loss Factor Data File | Distributor | HHDA |
| **(b)** |  |  |  | Distributor | Supplier |
| **(b)** |  |  |  | Distributor | SVAA |
| **(b)** |  | D0266 V001 | Supplier Settlement Header Report | SVAA | Supplier |
|  |  | D0267 V001 | (Pool Settlements Timetable File) |  |  |
|  |  | D0268 V001 | Half Hourly Meter Technical Details | MOP | Distributor |
|  |  |  |  | MOP | HHDC |
|  |  |  |  | MOP | MOP |
|  |  |  |  | MOP | Supplier |
| **(b)** |  | D0269 V001 | (Market Domain Data Complete Set) |  |  |
| **(b)** |  | D0269 V002 | Market Domain Data Complete Set | MDDA | Distributor |
| **(b)** |  |  |  | MDDA | GRS Operator |
| **(b)** |  |  |  | MDDA | HHDA |
| **(b)** |  |  |  | MDDA | HHDC |
| **(b)** |  |  |  | MDDA | MOP |
| **(b)** |  |  |  | MDDA | MPAS Agent |
| **(b)** |  |  |  | MDDA | NHHDA |
| **(b)** |  |  |  | MDDA | NHHDC |
| **(b)** |  |  |  | MDDA | Supplier |
| **(b)** |  |  |  | SVAA | Distributor |
| **(b)** |  |  |  | SVAA | Grid Operator |
| **(b)** |  |  |  | SVAA | HHDA |
| **(b)** |  |  |  | SVAA | HHDC |
| **(b)** |  |  |  | SVAA | MOP |
| **(b)** |  |  |  | SVAA | MPAS Agent |
| **(b)** |  |  |  | SVAA | NHHDA |
| **(b)** |  |  |  | SVAA | NHHDC |
| **(b)** |  |  |  | SVAA | Supplier |
| **(b)** |  |  |  | SVAA | SVAA |
| **(b)** |  | D0269 V003 | (Market Domain Data Complete Set) |  |  |
| **(b)** |  | D0269 V004 | Market Domain Data Complete Set | MDDA | Distributor |
| **(b)** |  |  |  | MDDA | GRS Operator |
| **(b)** |  |  |  | MDDA | HHDA |
| **(b)** |  |  |  | MDDA | HHDC |
| **(b)** |  |  |  | MDDA | MOP |
| **(b)** |  |  |  | MDDA | MPAS Agent |
| **(b)** |  |  |  | MDDA | NHHDA |
| **(b)** |  |  |  | MDDA | NHHDC |
| **(b)** |  |  |  | MDDA | Supplier |
| **(b)** |  |  |  | SVAA | Distributor |
| **(b)** |  |  |  | SVAA | Grid Operator |
| **(b)** |  |  |  | SVAA | HHDA |
| **(b)** |  |  |  | SVAA | HHDC |
| **(b)** |  |  |  | SVAA | MOP |
| **(b)** |  |  |  | SVAA | MPAS Agent |
| **(b)** |  |  |  | SVAA | NHHDA |
| **(b)** |  |  |  | SVAA | NHHDC |
| **(b)** |  |  |  | SVAA | Supplier |
| **(b)** |  |  |  | SVAA | SVAA |
| **(b)** |  | D0270 V001 | (Market Domain Data Incremental Set) |  |  |
| **(b)** |  | D0270 V002 | Market Domain Data Incremental Set | MDDA | Distributor |
| **(b)** |  |  |  | MDDA | GRS Operator |
| **(b)** |  |  |  | MDDA | HHDA |
| **(b)** |  |  |  | MDDA | HHDC |
| **(b)** |  |  |  | MDDA | MOP |
| **(b)** |  |  |  | MDDA | MPAS Agent |
| **(b)** |  |  |  | MDDA | NHHDA |
| **(b)** |  |  |  | MDDA | NHHDC |
| **(b)** |  |  |  | MDDA | Supplier |
| **(b)** |  |  |  | SVAA | Distributor |
| **(b)** |  |  |  | SVAA | Grid Operator |
| **(b)** |  |  |  | SVAA | HHDA |
| **(b)** |  |  |  | SVAA | HHDC |
| **(b)** |  |  |  | SVAA | MOP |
| **(b)** |  |  |  | SVAA | MPAS Agent |
| **(b)** |  |  |  | SVAA | NHHDA |
| **(b)** |  |  |  | SVAA | NHHDC |
| **(b)** |  |  |  | SVAA | Supplier |
| **(b)** |  |  |  | SVAA | SVAA |
| **(b)** |  | D0270 V003 | (Market Domain Data Incremental Set) |  |  |
| **(b)** |  | D0270 V004 | Market Domain Data Incremental Set | MDDA | Distributor |
| **(b)** |  |  |  | MDDA | GRS Operator |
| **(b)** |  |  |  | MDDA | HHDA |
| **(b)** |  |  |  | MDDA | HHDC |
| **(b)** |  |  |  | MDDA | MOP |
| **(b)** |  |  |  | MDDA | MPAS Agent |
| **(b)** |  |  |  | MDDA | NHHDA |
| **(b)** |  |  |  | MDDA | NHHDC |
| **(b)** |  |  |  | MDDA | Supplier |
| **(b)** |  |  |  | SVAA | Distributor |
| **(b)** |  |  |  | SVAA | Grid Operator |
| **(b)** |  |  |  | SVAA | HHDA |
| **(b)** |  |  |  | SVAA | HHDC |
| **(b)** |  |  |  | SVAA | MOP |
| **(b)** |  |  |  | SVAA | MPAS Agent |
| **(b)** |  |  |  | SVAA | NHHDA |
| **(b)** |  |  |  | SVAA | NHHDC |
| **(b)** |  |  |  | SVAA | Supplier |
| **(b)** |  |  |  | SVAA | SVAA |
|  |  | D0271 V001 | Request Contact Notice | Supplier | MPAS |
|  |  | D0272 V001 | Reject Contact Notice Request | MPAS | Supplier |
|  |  | D0273 V001 | Contact Notice to Suppliers | MPAS | Supplier |
|  |  | D0274 V001 | (Address Inventory) |  |  |
|  |  | D0275 V001 | Validated Half Hourly Advances | HHDC | Distributor |
|  |  |  |  | HHDC | Supplier |
| **(b)** |  | D0276 V001 | (GSP Group Consumption Totals Report) | SVAA | Supplier |
| **(b)** |  | D0276 V002 | GSP Group Consumption Totals Report | SVAA | Supplier |
| **(b)** |  | D0277 V001 | Teleswitch Contact Interval Data File | Teleswitch Agent | SVAA |
| **(b)** |  | D0278 V001 | Teleswitch Market Domain Data File | MDDA | SVAA |
| **(b)** |  | D0278 V002 |  | MDDA | SVAA |
| **(b)** |  | D0279 V001 | Teleswitch Contact Interval Data Report File | SVAA | Supplier |
| **(b)** |  | D0280 V001 | Teleswitch Contact to Register Mapping File | MDDA | Supplier |
| **(b)** |  | D0281 V001 | (Recalculated GSP Group Correction Factors Report) |  |  |
|  |  | D0282 V001 | (Registration of Supplier migrating from ERS) |  |  |
|  |  | D0283 V001 | (Rejection of Supplier Registration by PRS) |  |  |
|  |  | D0284 V001 | (Confirmation of Registration on PRS) |  |  |
|  |  | D0285 V001 | (Reconciliation of Registrations on PRS) |  |  |
| **(b)** |  | D0286 V001 | Data Aggregation and Settlements Timetable File | MDDA | NHHDA |
| **(b)** |  |  |  | MDDA | SVAA |
| **(b)** |  | D0287 V001 | Annually Recalculated Researched Consumption | SVAA | MDDA |
|  |  | D0288 V001 | (Generation Allocation Report on Second Tier Consumption) |  |  |
|  |  | D0289 V001 | (Notification of MC/EAC/PC) | Supplier | HHDC |
|  |  |  |  | Supplier | MOP |
|  |  | D0289 V002 | Notification of MC/EAC/PC | Supplier | HHDC |
|  |  |  |  | Supplier | MOP |
|  |  | D0290 V001 | Instruction to Read Meter | NHHDC | NHHDR |
|  |  | D0291 V001 | Notification of Register Readings on Change of Measurement Class coincident with Change of Supplier | MOP | MOP |
|  |  | D0292 V001 | (Scottish Regression Equation Coefficients) |  |  |
|  |  | D0293 V001 | (Scottish Default Period Profile Class Coefficients) |  |  |
|  |  | D0294 V001 | Confirmation of BM Unit Allocation | HHDA | Supplier |
|  |  | D0295 V001 | Rejection of BM Unit Allocation | HHDA | Supplier |
| **(b)** |  | D0296 V001 | Supplier BM Unit Report | SVAA | Supplier |
|  |  | D0297 V001 | Notification of BM Unit Allocation | Supplier | HHDA |
| **(b)** |  | D0298 V001 | (BM Unit Aggregated Half Hour Data File) |  |  |
| **(b)** |  | D0298 V002 |  | HHDA | Supplier |
| **(b)** |  |  |  | HHDA | SVAA |
| **(b)** |  | D0298 V003 | BM Unit Aggregated Half Hour Data File | HHDA | Supplier |
| **(b)** |  |  |  | HHDA | SVAA |
| **(b)** |  | D0299 V001 | Stage 2 BM Unit Registration Data File | MDDA | HHDA |
| **(b)** |  |  |  | MDDA | Supplier |
|  |  | D0300 V001 | Disputed Readings or Missing Readings on Change of Supplier | NHHDC | Supplier |
|  |  |  |  | Supplier | NHHDC |
|  |  |  |  | Supplier | Supplier |
|  |  | D0301 V001 | (Erroneous Transfer Communication) |  |  |
|  |  | D0301 V002 | Erroneous Transfer Communication | Supplier | Supplier |
|  |  | D0302 V001 | (Notification of Customer Details) |  |  |
|  |  | D0302 V002 | Notification of Customer Details | Supplier | Distributor |
|  |  |  |  | Supplier | HHDC |
|  |  |  |  | Supplier | MOP |
|  |  |  |  | Supplier | NHHDC |
|  |  | D0303 V001 | Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP | MOP | MAP |
|  |  | D0304 V001 | Notification of Meter Asset Provider | MAP | MOP |
|  |  |  |  | MOP | Distributor |
|  |  |  |  | MOP | MPAS |
|  |  |  |  | MOP | Supplier |
|  |  |  |  | MPAS | MOP |
|  |  | D0305 V001 | Notice of Customer Requested Objection | Supplier | Supplier |
|  |  | D0306 V001 | (Request for Debt Information) | Supplier | Supplier |
|  |  | D0306 V002 | Request for Debt Information | Supplier | Supplier |
|  |  | D0307 V001 | (Debt Information) | Supplier | Supplier |
|  |  | D0307 V002 | Debt Information | Supplier | Supplier |
|  |  | D0308 V001 | (Confirmation of Customer Debt Transfer) | Supplier | Supplier |
|  |  | D0308 V002 | Confirmation of Customer Debt Transfer | Supplier | Supplier |
|  |  | D0309 V001 | (Confirmation of Debt Assigned) | Supplier | Supplier |
|  |  | D0309 V002 | Confirmation of Debt Assigned | Supplier | Supplier |
|  |  | D0310 V001 | Notification of Failure to load or receive Metering System Settlement Details | NHHDC | Supplier |
|  |  |  |  | NHHDC | UMSO |
|  |  | D0311 V001 | Notification of Old Supplier Information | Supplier | NHHDC |
|  |  |  |  | Supplier | Supplier |
|  |  | D0312 V001 | (Notification of Meter Information to ECOES) | MOP | ECOES |
|  |  | D0312 V002 | Notification of Meter Information to MPAS | MOP | MPAS |
|  |  |  |  | MPAS | MOP |
|  |  |  |  | MPAS | Supplier |
|  |  | D0313 V001 | Auxiliary Meter Technical Details | MOP | Distributor |
|  |  |  |  | MOP | MOP |
|  |  |  |  | MOP | NHHDC |
|  |  |  |  | MOP | Supplier |
| **(b)** |  | D0314 V001 | Non Half Hourly Embedded Network DUoS Report | SVAA | Distributor |
|  |  | D0315 V001 | Embedded Network Supercustomer DUoS Daily Statement | Distributor | Distributor |
|  |  | D0317 V001 | Create New Green Deal Plan | GD Provider | GDCC |
|  |  | D0318 V001 | Response from GDCC to Distributor | GDCC | Distributor |
|  |  | D0319 V001 | Request for Initial Green Deal Licensee Validation | GDCC | GD Licensee |
|  |  | D0320 V001 | GD Provider Response to GDCC | GD Provider | GDCC |
|  |  | D0321 V001 | GD Provider Update to Plan Information | GD Provider | GDCC |
|  |  | D0322 V001 | GD Provider Update to Charging Information | GD Provider | GDCC |
|  |  | D0323 V001 | GD Provider Advice of Pending Green Deal | GD Provider | GDCC |
|  |  | D0324 V001 | Advise Green Deal Active at MPAN | GDCC | MPAS |
|  |  | D0325 V001 | Green Deal Plan Information for Green Deal Licensee | GDCC | GD Licensee |
|  |  | D0326 V001 | Green Deal Licensee Update to Bill Payer Details | GD Licensee | GDCC |
|  |  | D0327 V001 | Request Green Deal Plan End Date Amendment | Distributor | GDCC |
|  |  | D0328 V001 | Provide Remittance Details | GD Licensee | GDCC |
|  |  |  |  | GDCC | GD Remittance Processor |
|  |  | D0329 V001 | Response to Green Deal Remittance Details | GD Remittance Processor | GDCC |
|  |  |  |  | GDCC | GD Licensee |
|  |  | D0331 V001 | Update Green Deal Market Data | GDCC | GD Licensee |
|  |  |  |  | GDCC | GD Provider |
|  |  |  |  | GDCC | GD Remittance Processor |
|  |  | D0332 V001 | Green Deal Licensee Request for Information | GD Licensee | GDCC |
|  |  | D0333 V001 | Change of Green Deal Provider | GD Provider | GDCC |
|  |  | D0334 V001 | Request for New Green Deal MPAN Core | GDCC | GD Licensee |
|  |  | D0335 V001 | New Green Deal Plan MPAN Core | GD Licensee | GDCC |
|  |  | D0336 V001 | Request to Advise Bill Payer of Pending Green Deal | GDCC | GD Licensee |
|  |  | D0337 V001 | Green Deal End Date Amendment Request to GD Provider | GDCC | GD Provider |
|  |  | D0338 V001 | (Update to Bill Payer Details) | GDCC | GD Provider |
|  |  | D0338 V002 | Update to Bill Payer Details | GDCC | GD Provider |
|  |  | D0339 V001 | Reject Initial Plan Request | GDCC | GD Provider |
|  |  | D0340 V001 | MPAS Response to GDCC | MPAS | GDCC |
|  |  | D0341 V001 | GD Licensee Response to GDCC | GD Licensee | GDCC |
|  |  | D0342 V001 | Notice of Collection Cessation | GD Licensee | GDCC |
|  |  |  |  | GDCC | GD Remittance Processor |
|  |  | D0343 V001 | Response from GDCC to GD Licensee | GDCC | GD Licensee |
|  |  | D0344 V001 | Response from GDCC to GD Provider | GDCC | GD Provider |
|  |  | D0345 V001 | Green Deal Licensee Notification of Erroneous Registration | GD Licensee | GDCC |
|  |  | D0346 V001 | Notification of Erroneous Registration Status | GDCC | GD Provider |
|  |  |  |  | GDCC | GD Remittance Processor |
|  |  | D0347 V001 | GD Remittance Processor Response to GDCC | GD Remittance Processor | GDCC |
|  |  | D0348 V001 | Advice from MPAS of Changed Metering Point Details relevant to DCC | MPAS | DCC |
|  |  | D0349 V001 | DCC Selective Refresh | MPAS | DCC |
|  |  | D0350 V001 | Notification of DCC Services at Metering Point | DCC | MPAS |
|  |  | D0351 V001 | Rejection of Update to DCC Service Flag | MPAS | DCC |
|  |  | D0352 V001 | Notification of Physical Disconnections | Distributor | Supplier |
|  |  | D0353 V001 | DCC Full Refresh | MPAS | DCC |
| **(b)** |  | D0354 V001 | Metering System Reporting Notification | Supplier | HHDA |
| **(b)** |  |  |  | SVAA | HHDA |
| **(b)** |  | D0355 V001 | Metering System Reporting Confirmation | HHDA | CFD Settlement Services Provider |
| **(b)** |  |  |  | HHDA | CM Settlement Services Provider |
| **(b)** |  |  |  | HHDA | Supplier |
| **(b)** |  |  |  | HHDA | SVAA |
| **(b)** |  | D0356 V001 | Metering System Reporting Rejection | HHDA | Supplier |
| **(b)** |  |  |  | HHDA | SVAA |
| **(b)** |  | D0357 V001 | Half Hourly Metered Data for EMR | HHDA | CFD Settlement Services Provider |
| **(b)** |  |  |  | HHDA | CM Settlement Services Provider |
| **(b)** |  |  |  | HHDA | Supplier |
|  |  | D0358 V001 | Withdrawal of Registration by New Supplier to Specified Metering Point | Supplier | MPAS |
|  |  | D0359 V001 | Acceptance of Withdrawal Process Flow | MPAS | Supplier |
|  |  | D0360 V001 | Rejection of Withdrawal Process Flow | MPAS | Supplier |
|  |  | D0361 V001 | Retention of Supply Registration Process Flow | MPAS | Supplier |
|  |  | D0362 V001 | (CFD Supplier Invoice Backing Data) | CFD Settlement Services Provider | Supplier |
|  |  | D0362 V002 | CFD Supplier Invoice Backing Data | CFD Settlement Services Provider | Supplier |
|  |  | D0363 V001 | CFD Supplier Credit Cover Report | CFD Settlement Services Provider | Supplier |
|  |  | D0364 V001 | (CM Supplier Invoice Backing Data) | CM Settlement Services Provider | Supplier |
|  |  | D0364 V002 |  | CM Settlement Services Provider | Supplier |
|  |  | D0364 V003 | CM Supplier Invoice Backing Data | CM Settlement Services Provider | Supplier |
|  |  | D0365 V001 | (CFD Generator Invoice Backing Data) |  |  |
|  |  | D0365 V002 | CFD Generator Invoice Backing Data | CFD Settlement Services Provider | CFD Generator |
|  |  | D0366 V001 | (CM Capacity Provider Invoice Backing Data) | CM Settlement Services Provider | Capacity Provider |
|  |  | D0366 V002 | CM Capacity Provider Invoice Backing Data | CM Settlement Services Provider | Capacity Provider |
|  |  | D0367 V001 | Smart Meter Configuration Details | Supplier | MOP |
|  |  | D0368 V001 | Notification of Agreed or Cancelled Appointment With Customer | SFIC | MOP |
|  |  |  |  | SFIC | Supplier |
| **(b)** |  | D0369 V001 | Aggregated Disconnected DUoS Report | SVAA | Distributor |
| **(b)** |  |  |  | SVAA | Supplier |
| **(b)** |  | D0370 V001 | Supplier Half Hourly Demand Disconnection Report | SVAA | Supplier |
| **(b)** |  | D0371 V001 | Supplier - Supplier Disconnection Matrix Report | SVAA | Supplier |
| **(b)** |  | D0372 V001 | Aggregated Embedded Network Disconnected DUoS Report | SVAA | Distributor |
| **(b)** |  | D0373 V001 | GSP Group Demand Disconnection Totals Report | SVAA | Supplier |
| **(b)** |  | D0374 V001 | Supplier BM Unit Demand Disconnection Report | SVAA | Supplier |
| **(b)** |  | D0375 V001 | Disconnected MSIDs and Estimated Half Hourly Demand Disconnection Volumes | HHDC | Distributor |
| **(b)** |  |  |  | HHDC | HHDA |
| **(b)** |  |  |  | HHDC | Supplier |
| **(b)** |  |  |  | SVAA | HHDA |
| **(b)** |  |  |  | SVAA | HHDC |
| **(b)** |  |  |  | SVAA | NHHDA |
| **(b)** |  |  |  | SVAA | NHHDC |
| **(b)** |  | D0376 V001 | Supplier’s Demand Disconnection Volume Data File | HHDA | Supplier |
| **(b)** |  |  |  | HHDA | SVAA |
| **(b)** |  | D0377 V001 | Disconnection Purchase Matrix Data File | NHHDA | Supplier |
| **(b)** |  |  |  | NHHDA | SVAA |
| **(b)** |  | D0378 V001 | BM Unit Aggregated Half Hour Demand Disconnection Data File | HHDA | Supplier |
| **(b)** |  |  |  | HHDA | SVAA |
|  |  | D0379 V001 | Half Hourly Advances UTC | HHDC | Supplier |
|  |  |  |  | Supplier | HHDC |
|  |  | D0380 V001 | Half Hourly Advances for Inclusion in Aggregated Supplier Matrix | HHDC | HHDA |
|  |  |  |  | HHDC | Supplier |
|  |  |  |  | Supplier | HHDC |
|  |  | D0381 V001 | Metering Point Address Update | Distributor | Supplier |
|  |  |  |  | Supplier | Distributor |
| **(b)** |  | D0382 V001 | Rejection Response for Request to LDSO for Site Technical Details | Distributor | MOP |
| **(b)** |  | D0383 V001 | Notification of Commissioning Information | Distributor | MOP |
| **(b)** |  |  |  | MOP | MOP |
| **(b)** |  | D0384 V001 | Notification of Commissioning Status | Distributor | Supplier |
| **(b)** |  |  |  | MOP | MOP |
| **(b)** |  |  |  | MOP | Supplier |
| **(b)** |  |  |  | Supplier | Distributor |
| **(b)** |  |  |  | Supplier | MOP |
| **(b)** |  | D0385 V001 | Metering System Half Hourly Metered Data | HHDA | SVAA |
|  |  | D0386 V001 | Manage Metering Point Relationships | MPAS | Supplier |
|  |  |  |  | Supplier | MPAS |
| **(b)** | (n) | D0387 V001 | Metering System Half Hourly Volume Adjustments | SVAA | Supplier |

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| Flow Name: | Request Metering System Investigation |
| Flow Description: | Investigation into suspected metering fault due to possible MAR discrepancies, invalid meter readings, timing device or meter or communications fault.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| Distributor | HHDC | 2.0 |
| Distributor | NHHDC | 2.0 |
| Distributor | Supplier | 3.1 |
| HHDC | MOP | 1.0 |
| HHDC | Supplier | 3.0 |
| NHHDC | MOP | 2.0 |
| NHHDC | Supplier | 3.1 |
| NHHDR | NHHDC | 5.0 |
| Supplier | HHDC | 2.0 |
| Supplier | MOP | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0174 | Appointment Date |
| J1012 | Date Fault Suspected/Detected |
| J0292 | Earliest Appointment Time |
| J0293 | Latest Appointment Time |
| J0004 | Meter Id (Serial Number) |
| J0010 | Meter Register Id |
| J0003 | MPAN Core |
| J0173 | Reason for Request |
| J0024 | Site Visit Check Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 001 | Metering Points for Investigation | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | O |  |  |  |  |  |  | Appointment Date |
|  |  |  |  |  | O |  |  |  |  |  |  | Earliest Appointment Time |
|  |  |  |  |  | O |  |  |  |  |  |  | Latest Appointment Time |

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| 002 | Meters to be Investigated | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 003 | Meter Registers to be Investigated | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Reason for Request |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Date Fault Suspected/Detected |
|  |  |  |  |  |  |  | O |  |  |  |  | Additional Information |

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| 759 | Site Visit Information | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Site Visit Check Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Additional Information |

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| Notes: | Sufficient information to identify the nature of the fault must be given. This flow only to be used where the metering point is currently energised. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1249 | External Note added. |
| Version 3.1 | 1532 | Additional group added as 'Site Visit Information' as agreed in Workshops. |
| Version 3.1 | 1542 | 'Date Fault Suspected/Detected' added to flow to give clarity. |
| Version 3.1 | 1637 | Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1643 | Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements. |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 2053 | Flow occurrences from NHHDC to Supplier and Distributor to Supplier added as both required. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) and to Distributor (Scotland) removed. |
| Version 4.1 | 2887 | Flow occurrence from Supplier to NHHDC removed. |
| Version 5 | 3019 | Flow occurrence from NHHDR to NHHDC added. |
| Version 8.4 | 3271 | Instances of Generator (Scotland) to HHDC and MOP, and HHDC to Generator (Scotland) removed |

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| Flow Name: | Fault Resolution Report or Request for Decision on Further Action |
| Flow Description: | Fault Investigation has been carried out and a report on an action taken is being made or a request for a decision on next course of action.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| HHDC | Distributor | 2.0 |
| HHDC | Supplier | 2.0 |
| MOP | HHDC | 1.0 |
| MOP | MOP | 11.3 |
| MOP | NHHDC | 2.0 |
| MOP | Supplier | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J1012 | Date Fault Suspected/Detected |
| J0014 | Date of Action |
| J0004 | Meter Id (Serial Number) |
| J0010 | Meter Register Id |
| J0003 | MPAN Core |
| J0008 | Nature of Maintenance |
| J0173 | Reason for Request |
| J0024 | Site Visit Check Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 004 | Metering Points Inspected | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Reason for Request |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Date Fault Suspected/Detected |

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| 005 | Meter Detail per MPAN Core | 1-\* | If meter at metering point |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | O |  |  |  |  |  | Additional Information |

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| 006 | Meter Registers Inspected | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Id |
|  |  |  |  |  |  |  | O |  |  |  |  | Date of Action |
|  |  |  |  |  |  |  | O |  |  |  |  | Nature of Maintenance |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 760 | Site Visit Information | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Site Visit Check Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Additional Information |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1390 | Site Visit Check Code and Additional Information added as new group 'Site Visit Information'. |
| Version 3.1 | 1542 | 'Date Fault Suspected/Detected' added to flow to give clarity. |
| Version 3.1 | 1645 | MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 4 | 2483 | All flow occurrences from NHHDC removed. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 8.4 | 3271 | Instances of HHDC to Generator (Scotland) and MOP to Generator (Scotland) removed |
| Version 10 | 3317 | Add in a condition to Mandatory field |
| Version 11.3 | 3428 | MOP to MOP instance added. |

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| Flow Name: | Half Hourly Advances |
| Flow Description: | Half hourly data from half hourly meters.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Distributor | Supplier | 3.1 |
| HHDC | Distributor | 1.0 |
| HHDC | MOP | 3.1 |
| HHDC | Supplier | 1.0 |
| Supplier | HHDC | 3.1 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0020 | Actual/Estimated Indicator |
| J0012 | Additional Information |
| J0018 | Date (Midnight to Midnight UTC) |
| J0103 | Measurement Quantity Id |
| J0004 | Meter Id (Serial Number) |
| J0707 | Meter Period Flag |
| J0019 | Meter Period Number |
| J0708 | Meter Period Reason Code |
| J0709 | Meter Period Status |
| J0378 | Meter Period Tag |
| J0021 | Meter Period Value |
| J0010 | Meter Register Id |
| J0003 | MPAN Core |
| J1019 | Reading Date & Time in UTC |
| J0171 | Reading Type |
| J0024 | Site Visit Check Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 007 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |

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| 008 | Meter Ids | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |

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| 009 | Reading Dates/Types | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Reading Date & Time in UTC |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Reading Type |

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| 010 | Meter Registers | 1-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Meter Register Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Measurement Quantity Id |

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| 011 | Dates for HH Data | 1-\* |  |  |  |  |  | G |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Date (Midnight to Midnight UTC) |

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| 012 | HH Advances | 48 |  |  |  |  |  |  | G |  |  |  |
|  |  |  |  |  |  |  |  |  |  | 1 |  | Meter Period Number |
|  |  |  |  |  |  |  |  |  |  | 1 |  | Actual/Estimated Indicator |
|  |  |  |  |  |  |  |  |  |  | 1 |  | Meter Period Value |
|  |  |  |  |  |  |  |  |  |  | O |  | Meter Period Tag |
|  |  |  |  |  |  |  |  |  |  | O |  | Meter Period Flag |
|  |  |  |  |  |  |  |  |  |  | O |  | Meter Period Status |
|  |  |  |  |  |  |  |  |  |  | O |  | Meter Period Reason Code |

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| 013 | Site Visit Information | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Site Visit Check Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Additional Information |

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| --- | --- |
| Notes: | This flow is for notification of validated half-hourly advances and includes optional data items for any site visit check information.  Where site visit information details apply at meter level it is anticipated that this will be detailed at MPAN Core level in the Additional Information field. Flow occurrence between Distributor and Supplier and Supplier to DC have been included to cover the Unmetered Supply Requirements. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1119 | Pool Validation Status removed. |
| Version 3.1 | 1490 | Reading Date & Time replaced by Reading Date and Time in UTC. |
| Version 3.1 | 1502 | HHDC to MOP added as a new flow occurrence. |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1651 | HHDC to SDP Operator/Generator (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1885 | Flow occurrences between Distributor to Supplier, and Supplier to HHDC have been included to cover the unmetered supply requirements. |
| Version 3.1 | 1885 | Notes added. |
| Version 4 | 2649 | All flow occurrences from MOP removed. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 5 | 3003 | Flow occurrence from HHDC to HHDC removed. |
| Version 8.4 | 3271 | Instances of HHDC to Generator (Scotland) and SDP Operator removed |
| Version 8.9 | 3282 | Deleted from the Notes section references to the MOP, to reflect the fact that since version 4.0 of the DTC, the MOP no longer sends the D0003. |

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| Flow Name: | Notification of Failure to Obtain Reading |
| Flow Description: | A report identifying meter reading systems where readings could not be obtained.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| HHDC | Supplier | 1.0 |
| NHHDC | Supplier | 1.0 |
| NHHDR | NHHDC | 5.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0004 | Meter Id (Serial Number) |
| J0003 | MPAN Core |
| J0016 | Reading Date & Time |
| J0171 | Reading Type |
| J0024 | Site Visit Check Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 014 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |

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| 015 | Attempted Reading Details | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Reading Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Reading Date & Time |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 016 | Site Visit Information | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Site Visit Check Code |
|  |  |  |  |  |  |  | O |  |  |  |  | Additional Information |

|  |  |
| --- | --- |
| Notes: | Reading date & time is that date and time at which the last attempt was made to read the meter.  For routine readings where no access is obtained these will still be passed to the Supplier (for billing the customer) to estimate and the EAC used by the DC for Settlement. No access means that the Agent was unable to gain sight of the meter. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 948 | Instances of this flow from Supplier removed from the "from' table as not required. |
| Version 3.1 | 1645 | MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 4 | 2562 | Notes added. |
| Version 4 | 2650 | Flow occurrence from MOP to Supplier removed. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 4 | 2747 | Flow occurrence from MOP to Generator (Scotland) removed. |
| Version 5 | 3020 | Flow occurrence from NHHDR to NHHDC added. |
| Version 8.4 | 3271 | Instance of HHDC to Generator (Scotland) removed |

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| Flow Name: | Instruction on Action |
| Flow Description: | Request for action on metering systems.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| Distributor | HHDC | 3.2 |
| HHDC | MOP | 2.0 |
| MOP | HHDC | 3.2 |
| Supplier | HHDC | 1.0 |
| Supplier | MOP | 2.0 |
| Supplier | NHHDC | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0174 | Appointment Date |
| J0028 | Date Action Required By |
| J0292 | Earliest Appointment Time |
| J0088 | Effective to Settlement Date {MACDC} |
| J0293 | Latest Appointment Time |
| J0004 | Meter Id (Serial Number) |
| J0003 | MPAN Core |
| J0173 | Reason for Request |
| J0007 | Requested Action Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 017 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Reason for Request |
|  |  |  |  |  | O |  |  |  |  |  |  | Appointment Date |
|  |  |  |  |  | O |  |  |  |  |  |  | Earliest Appointment Time |
|  |  |  |  |  | O |  |  |  |  |  |  | Latest Appointment Time |

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| 018 | Meters | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | O |  |  |  |  |  | Additional Information |

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| 019 | Requested Actions | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Requested Action Code |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 020 | Action Required By | 1 | If Requested Action Code not equal to '02' |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Date Action Required By |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 021 | Settlement Date | 1 | If Requested Action Code = '02' |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Effective to Settlement Date {MACDC} |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
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| Version 3.1 | 1637 | Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1643 | Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements. |
| Version 3.1 | 1889 | Meter Id (Serial Number) in Group 18 made optional. |
| Version 3.2 | 2300 | Add flow occurrences from Distributor to HHDC and MOP to HHDC. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) removed. |
| Version 4.1 | 2888 | Flow occurrence from NHHDC to MOP removed. |
| Version 8.4 | 3271 | Instances of Generator (Scotland) to HHDC and MOP removed |

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| Flow Name: | Meter Advance Reconciliation Report |
| Flow Description: | Cumulative reading from HH Meters (MIST/MOST) for performing meter advance reconciliation.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| HHDC | Distributor | 1.0 |
| HHDC | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0273 | MAR Percentage Difference |
| J0041 | MAR Status |
| J0004 | Meter Id (Serial Number) |
| J0010 | Meter Register Id |
| J0003 | MPAN Core |
| J1019 | Reading Date & Time in UTC |
| J0171 | Reading Type |
| J0040 | Register Reading |
| J0024 | Site Visit Check Code |
| J0272 | Total Period Metered Consumption |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 022 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MAR Status |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 023 | Meter Consumption Summary | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Reading Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Total Period Metered Consumption |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MAR Percentage Difference |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 024 | Register Readings | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Reading Date & Time in UTC |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Register Reading |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 025 | Site Visit Information | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Site Visit Check Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Additional Information |

|  |  |
| --- | --- |
| Notes: | This flow reports on the results of Meter Advance Reconciliation (MAR) for half-hourly meters, and includes the MAR reading and sum of half-hourly advances for the MAR period. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1490 | Reading Date & Time replaced by Reading Date & Time in UTC (J1019) |
| Version 3.1 | 1552 | If MAR status is overdue then G0023 and G0024 are optional range groups. |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 8.4 | 3271 | Instance of HHDC to Generator (Scotland) removed |

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| --- | --- |
| Flow Name: | Meter Readings |
| Flow Description: | Cumulative readings and maximum demand readings.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Distributor | NHHDC | 11.1 |
| HHDC | Distributor | 11.1 |
| HHDC | HHDC | 11.1 |
| HHDC | Supplier | 11.1 |
| MOP | Distributor | 11.1 |
| MOP | HHDC | 11.1 |
| MOP | MOP | 11.3 |
| MOP | NHHDC | 11.1 |
| MOP | Supplier | 11.1 |
| NHHDC | Distributor | 11.1 |
| NHHDC | NHHDC | 11.1 |
| NHHDC | Supplier | 11.1 |
| NHHDR | NHHDC | 11.1 |
| Supplier | Distributor | 11.9 |
| Supplier | NHHDC | 11.1 |
| Supplier | Supplier | 11.6 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0022 | BSC Validation Status |
| J0044 | MD Reset Date & Time |
| J0004 | Meter Id (Serial Number) |
| J0045 | Meter Reading Flag |
| J0332 | Meter Reading Reason Code |
| J0047 | Meter Reading Status |
| J0010 | Meter Register Id |
| J0003 | MPAN Core |
| J1013 | Number of MD Resets |
| J0016 | Reading Date & Time |
| J1888 | Reading Method |
| J0171 | Reading Type |
| J0040 | Register Reading |
| J0024 | Site Visit Check Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 026 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | BSC Validation Status |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 027 | Site Visit Information | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Site Visit Check Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Additional Information |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 028 | Meter/Reading Types | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Reading Type |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 029 | Site Visit Information | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Site Visit Check Code |
|  |  |  |  |  |  |  | O |  |  |  |  | Additional Information |

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| 030 | Register Readings | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Reading Date & Time |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Register Reading |
|  |  |  |  |  |  |  | O |  |  |  |  | MD Reset Date & Time |
|  |  |  |  |  |  |  | O |  |  |  |  | Number of MD Resets |
|  |  |  |  |  |  |  | O |  |  |  |  | Meter Reading Flag |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Reading Method |

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| 032 | Meter Reading Validation Result | 1 | Meter Reading Flag = FALSE |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Meter Reading Reason Code |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Meter Reading Status |

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| 033 | Site Visit Information | 0-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Site Visit Check Code |
|  |  |  |  |  |  |  |  | O |  |  |  | Additional Information |

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| --- | --- |
| Notes: | NHH - This flow is for notification of validated/invalid non half-hourly meter readings and includes optional fields for any site visit check information. In Change of Supplier processes this flow can be used to communicate candidate Change of Supplier readings. In particular, the Supplier to Supplier instance is used to communicate unvalidated readings taken directly from smart meters.  Additional processing rules for DDC enrolled smart meters are contained in Annex C. It is also required to pass any remotely taken reads to NHHDCs for use in the Change of Supplier process. For all other cases Supplier must utilise D0071 to send candidate reads to NHHDC. For the avoidance of doubt NHHDC will always confirm a Change of Supplier reading using D0086.  HH - The instances of the D0010 from MOP to Supplier and MOP to Distributor should only be used when the meter is Half-Hourly and the reading is either "initial" and/or "final".  The instance of the D0010 from Supplier to Distributor should only be used where readings are taken (or sourced) by the Supplier from smart meters.  The flow D0086 must always reflect this current flow.  Where confirming a reading received on a D0071 where "Reading Type" has been populated with the value ‘O’ (Old Supplier’s estimated CoS Reading) the NHHDC should populate the data item (Reading Type) with ‘D’ to signify that the reading has been Deemed or Estimated and is in line with meter reading history. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 962 | Notes added to improve clarity. |
| Version 3.1 | 1174 | Instance of the flow going from MOP to Distributor removed. The MOP will not provide Meter Readings to the Distributor. |
| Version 3.1 | 1554 | G0031 removed as not required. |
| Version 3.1 | 1645 | MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1648 | Add new data item 'Number of MD Resets' . |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1960 | Flows from HHDC to MOP and NHHDC to MOP removed. |
| Version 3.1 | 2054 | MOP to Supplier deleted as they would not send validated readings. |
| Version 4 | 2435 | Notes added. |
| Version 4 | 2473 | Range of group 030 changed to 0-\*. |
| Version 4 | 2475 | Groups 030 has been made a child of group 028. Groups 032 and 033 remain children of 030. |
| Version 4 | 2651 | Flow occurrence from Old HHDC to New HHDC removed. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 4 | 2747 | Flow occurrence from MOP to Generator (Scotland) removed. |
| Version 4 | 2788 | Flow occurrence from Distributor to NHHDC added. |
| Version 4.1 | 2896 | Flow occurrences from NHHDC to HHDC and from HHDC to NHHDC removed. |
| Version 5 | 3021 | Flow occurrence from NHHDR to NHHDC added. |
| Version 7.5 | 3208 | Flow occurrence from HHDC to HHDC added. |
| Version 8.3 | 3265 | Notes added on NHHDC completing "Reading Type" when receiving an Old Supplier’s Estimated CoS Reading on a D0071 |
| Version 8.4 | 3261 | New instances of MOP to Supplier and Distributor added, and Notes amended to differentiate when those instances should be sent for HH sites |
| Version 8.4 | 3271 | Instance of HHDC to Generator (Scotland) removed |
| Version 11.1 | 3419 | J1888 - "Reading Method" Data Item added to "Register Readings" group |
| Version 11.3 | 3428 | MOP to MOP instance added. |
| Version 11.6 | 3469 | Supplier to Supplier instance added |
| Version 11.8 | 3491 | 3491A- Reference to Annex C rules DCC entolled smart meter readings |
| Version 11.9 | 3496 | Supplier to Distributor instance added |

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| Flow Name: | Agreement of Contractual Terms |
| Flow Description: | Acknowledgement of appointment and terms or renewal of contractual terms.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| HHDA | Supplier | 1.0 |
| HHDC | Supplier | 1.0 |
| MOP | Supplier | 1.0 |
| NHHDA | Supplier | 1.0 |
| NHHDC | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0048 | Contract Reference |
| J0219 | Effective from Date {DCA} |
| J0210 | Effective from Date {MOA} |
| J0334 | Effective from Settlement Date {DAA} |
| J0049 | Effective from Settlement Date {REGI} |
| J0003 | MPAN Core |
| J0275 | Service Level Reference |
| J0274 | Service Reference |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 034 | Contract Terms Data | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Contract Reference |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {REGI} |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 035 | DC Effective Date | 1 | If Data Collector Appointment |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Date {DCA} |

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| 036 | MOP Effective Date | 1 | If Meter Operator Appointment |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Date {MOA} |

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| 037 | DA Effective Date | 1 | If Data Aggregator Appointment |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {DAA} |

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| 038 | Agreed Service Details | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Service Reference |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Service Level Reference |

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| Notes: | See Rejection of Agent appointment flow (D0261). |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 387 | Note added. |
| Version 3.1 | 1645 | MOP to Distributor/Generator (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 8.4 | 3271 | Instances of HHDC and MOP to Generator (Scotland) removed |

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| Flow Name: | Confirmation of the Inclusion of the Metering Point in the Reading Schedules |
| Flow Description: | Acknowledge that a specified metering point is included in a reading schedule quoting the dates applicable.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| HHDC | Distributor | 3.0 |
| HHDC | Supplier | 1.0 |
| NHHDC | Distributor | 3.0 |
| NHHDC | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0369 | Meter Reading Schedule Date |
| J0003 | MPAN Core |
| J0277 | Regular Reading Cycle |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 039 | Reading Schedule Data | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Meter Reading Schedule Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Regular Reading Cycle |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 375 | Flow Type Manual added due to the low volumes of this encountered in the half hourly market. |
| Version 3.1 | 1556 | Supplier to NHHDC flow occurrence deleted. Not required. |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 4 | 2747 | Flow occurrence from HHDC to Generator (Scotland) removed. |

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| Flow Name: | Daily Profile Data Report |
| Flow Description: | Details of the daily profile production process.. |
| Flow Ownership: | BSC |

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| **From** | **To** | **Version** |
| SVAA | NHHDC | 11.4 |
| SVAA | Supplier | 6.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0062 | Actual Noon Temperature |
| J1104 | GSP Group |
| J0066 | GSP Group Id |
| J0876 | Low Register Profile Coefficient (Settlement Period 01) |
| J1460 | Low Register Profile Coefficient (Settlement Period 02) |
| J1461 | Low Register Profile Coefficient (Settlement Period 03) |
| J1462 | Low Register Profile Coefficient (Settlement Period 04) |
| J1463 | Low Register Profile Coefficient (Settlement Period 05) |
| J1464 | Low Register Profile Coefficient (Settlement Period 06) |
| J1465 | Low Register Profile Coefficient (Settlement Period 07) |
| J1466 | Low Register Profile Coefficient (Settlement Period 08) |
| J1467 | Low Register Profile Coefficient (Settlement Period 09) |
| J1468 | Low Register Profile Coefficient (Settlement Period 10) |
| J1469 | Low Register Profile Coefficient (Settlement Period 11) |
| J1470 | Low Register Profile Coefficient (Settlement Period 12) |
| J1471 | Low Register Profile Coefficient (Settlement Period 13) |
| J1472 | Low Register Profile Coefficient (Settlement Period 14) |
| J1473 | Low Register Profile Coefficient (Settlement Period 15) |
| J1474 | Low Register Profile Coefficient (Settlement Period 16) |
| J1475 | Low Register Profile Coefficient (Settlement Period 17) |
| J1476 | Low Register Profile Coefficient (Settlement Period 18) |
| J1477 | Low Register Profile Coefficient (Settlement Period 19) |
| J1478 | Low Register Profile Coefficient (Settlement Period 20) |
| J1479 | Low Register Profile Coefficient (Settlement Period 21) |
| J1480 | Low Register Profile Coefficient (Settlement Period 22) |
| J1481 | Low Register Profile Coefficient (Settlement Period 23) |
| J1482 | Low Register Profile Coefficient (Settlement Period 24) |
| J1483 | Low Register Profile Coefficient (Settlement Period 25) |
| J1484 | Low Register Profile Coefficient (Settlement Period 26) |
| J1485 | Low Register Profile Coefficient (Settlement Period 27) |
| J1486 | Low Register Profile Coefficient (Settlement Period 28) |
| J1487 | Low Register Profile Coefficient (Settlement Period 29) |
| J1488 | Low Register Profile Coefficient (Settlement Period 30) |
| J1489 | Low Register Profile Coefficient (Settlement Period 31) |
| J1490 | Low Register Profile Coefficient (Settlement Period 32) |
| J1491 | Low Register Profile Coefficient (Settlement Period 33) |
| J1492 | Low Register Profile Coefficient (Settlement Period 34) |
| J1493 | Low Register Profile Coefficient (Settlement Period 35) |
| J1494 | Low Register Profile Coefficient (Settlement Period 36) |
| J1495 | Low Register Profile Coefficient (Settlement Period 37) |
| J1496 | Low Register Profile Coefficient (Settlement Period 38) |
| J1497 | Low Register Profile Coefficient (Settlement Period 39) |
| J1498 | Low Register Profile Coefficient (Settlement Period 40) |
| J1499 | Low Register Profile Coefficient (Settlement Period 41) |
| J1500 | Low Register Profile Coefficient (Settlement Period 42) |
| J1501 | Low Register Profile Coefficient (Settlement Period 43) |
| J1502 | Low Register Profile Coefficient (Settlement Period 44) |
| J1503 | Low Register Profile Coefficient (Settlement Period 45) |
| J1504 | Low Register Profile Coefficient (Settlement Period 46) |
| J1505 | Low Register Profile Coefficient (Settlement Period 47) |
| J1506 | Low Register Profile Coefficient (Settlement Period 48) |
| J1507 | Low Register Profile Coefficient (Settlement Period 49) |
| J1508 | Low Register Profile Coefficient (Settlement Period 50) |
| J0068 | Noon Effective Temperature |
| J0877 | Normal Register Profile Coefficient (Settlement Period 01) |
| J1509 | Normal Register Profile Coefficient (Settlement Period 02) |
| J1510 | Normal Register Profile Coefficient (Settlement Period 03) |
| J1511 | Normal Register Profile Coefficient (Settlement Period 04) |
| J1512 | Normal Register Profile Coefficient (Settlement Period 05) |
| J1513 | Normal Register Profile Coefficient (Settlement Period 06) |
| J1514 | Normal Register Profile Coefficient (Settlement Period 07) |
| J1515 | Normal Register Profile Coefficient (Settlement Period 08) |
| J1516 | Normal Register Profile Coefficient (Settlement Period 09) |
| J1517 | Normal Register Profile Coefficient (Settlement Period 10) |
| J1518 | Normal Register Profile Coefficient (Settlement Period 11) |
| J1519 | Normal Register Profile Coefficient (Settlement Period 12) |
| J1520 | Normal Register Profile Coefficient (Settlement Period 13) |
| J1521 | Normal Register Profile Coefficient (Settlement Period 14) |
| J1522 | Normal Register Profile Coefficient (Settlement Period 15) |
| J1523 | Normal Register Profile Coefficient (Settlement Period 16) |
| J1524 | Normal Register Profile Coefficient (Settlement Period 17) |
| J1525 | Normal Register Profile Coefficient (Settlement Period 18) |
| J1526 | Normal Register Profile Coefficient (Settlement Period 19) |
| J1527 | Normal Register Profile Coefficient (Settlement Period 20) |
| J1528 | Normal Register Profile Coefficient (Settlement Period 21) |
| J1529 | Normal Register Profile Coefficient (Settlement Period 22) |
| J1530 | Normal Register Profile Coefficient (Settlement Period 23) |
| J1531 | Normal Register Profile Coefficient (Settlement Period 24) |
| J1532 | Normal Register Profile Coefficient (Settlement Period 25) |
| J1533 | Normal Register Profile Coefficient (Settlement Period 26) |
| J1534 | Normal Register Profile Coefficient (Settlement Period 27) |
| J1535 | Normal Register Profile Coefficient (Settlement Period 28) |
| J1536 | Normal Register Profile Coefficient (Settlement Period 29) |
| J1537 | Normal Register Profile Coefficient (Settlement Period 30) |
| J1538 | Normal Register Profile Coefficient (Settlement Period 31) |
| J1539 | Normal Register Profile Coefficient (Settlement Period 32) |
| J1540 | Normal Register Profile Coefficient (Settlement Period 33) |
| J1541 | Normal Register Profile Coefficient (Settlement Period 34) |
| J1542 | Normal Register Profile Coefficient (Settlement Period 35) |
| J1543 | Normal Register Profile Coefficient (Settlement Period 36) |
| J1544 | Normal Register Profile Coefficient (Settlement Period 37) |
| J1545 | Normal Register Profile Coefficient (Settlement Period 38) |
| J1546 | Normal Register Profile Coefficient (Settlement Period 39) |
| J1547 | Normal Register Profile Coefficient (Settlement Period 40) |
| J1548 | Normal Register Profile Coefficient (Settlement Period 41) |
| J1549 | Normal Register Profile Coefficient (Settlement Period 42) |
| J1550 | Normal Register Profile Coefficient (Settlement Period 43) |
| J1551 | Normal Register Profile Coefficient (Settlement Period 44) |
| J1552 | Normal Register Profile Coefficient (Settlement Period 45) |
| J1553 | Normal Register Profile Coefficient (Settlement Period 46) |
| J1554 | Normal Register Profile Coefficient (Settlement Period 47) |
| J1555 | Normal Register Profile Coefficient (Settlement Period 48) |
| J1556 | Normal Register Profile Coefficient (Settlement Period 49) |
| J1557 | Normal Register Profile Coefficient (Settlement Period 50) |
| J0069 | Period Profile Coefficient Value (Settlement Period 01) |
| J1362 | Period Profile Coefficient Value (Settlement Period 02) |
| J1363 | Period Profile Coefficient Value (Settlement Period 03) |
| J1364 | Period Profile Coefficient Value (Settlement Period 04) |
| J1365 | Period Profile Coefficient Value (Settlement Period 05) |
| J1366 | Period Profile Coefficient Value (Settlement Period 06) |
| J1367 | Period Profile Coefficient Value (Settlement Period 07) |
| J1368 | Period Profile Coefficient Value (Settlement Period 08) |
| J1369 | Period Profile Coefficient Value (Settlement Period 09) |
| J1370 | Period Profile Coefficient Value (Settlement Period 10) |
| J1371 | Period Profile Coefficient Value (Settlement Period 11) |
| J1372 | Period Profile Coefficient Value (Settlement Period 12) |
| J1373 | Period Profile Coefficient Value (Settlement Period 13) |
| J1374 | Period Profile Coefficient Value (Settlement Period 14) |
| J1375 | Period Profile Coefficient Value (Settlement Period 15) |
| J1376 | Period Profile Coefficient Value (Settlement Period 16) |
| J1377 | Period Profile Coefficient Value (Settlement Period 17) |
| J1378 | Period Profile Coefficient Value (Settlement Period 18) |
| J1379 | Period Profile Coefficient Value (Settlement Period 19) |
| J1380 | Period Profile Coefficient Value (Settlement Period 20) |
| J1381 | Period Profile Coefficient Value (Settlement Period 21) |
| J1382 | Period Profile Coefficient Value (Settlement Period 22) |
| J1383 | Period Profile Coefficient Value (Settlement Period 23) |
| J1384 | Period Profile Coefficient Value (Settlement Period 24) |
| J1385 | Period Profile Coefficient Value (Settlement Period 25) |
| J1386 | Period Profile Coefficient Value (Settlement Period 26) |
| J1387 | Period Profile Coefficient Value (Settlement Period 27) |
| J1388 | Period Profile Coefficient Value (Settlement Period 28) |
| J1389 | Period Profile Coefficient Value (Settlement Period 29) |
| J1390 | Period Profile Coefficient Value (Settlement Period 30) |
| J1391 | Period Profile Coefficient Value (Settlement Period 31) |
| J1392 | Period Profile Coefficient Value (Settlement Period 32) |
| J1393 | Period Profile Coefficient Value (Settlement Period 33) |
| J1394 | Period Profile Coefficient Value (Settlement Period 34) |
| J1395 | Period Profile Coefficient Value (Settlement Period 35) |
| J1396 | Period Profile Coefficient Value (Settlement Period 36) |
| J1397 | Period Profile Coefficient Value (Settlement Period 37) |
| J1398 | Period Profile Coefficient Value (Settlement Period 38) |
| J1399 | Period Profile Coefficient Value (Settlement Period 39) |
| J1400 | Period Profile Coefficient Value (Settlement Period 40) |
| J1401 | Period Profile Coefficient Value (Settlement Period 41) |
| J1402 | Period Profile Coefficient Value (Settlement Period 42) |
| J1403 | Period Profile Coefficient Value (Settlement Period 43) |
| J1404 | Period Profile Coefficient Value (Settlement Period 44) |
| J1405 | Period Profile Coefficient Value (Settlement Period 45) |
| J1406 | Period Profile Coefficient Value (Settlement Period 46) |
| J1407 | Period Profile Coefficient Value (Settlement Period 47) |
| J1408 | Period Profile Coefficient Value (Settlement Period 48) |
| J1409 | Period Profile Coefficient Value (Settlement Period 49) |
| J1410 | Period Profile Coefficient Value (Settlement Period 50) |
| J0070 | Period Register on State Indicator (Settlement Period 01) |
| J1411 | Period Register on State Indicator (Settlement Period 02) |
| J1412 | Period Register on State Indicator (Settlement Period 03) |
| J1413 | Period Register on State Indicator (Settlement Period 04) |
| J1414 | Period Register on State Indicator (Settlement Period 05) |
| J1415 | Period Register on State Indicator (Settlement Period 06) |
| J1416 | Period Register on State Indicator (Settlement Period 07) |
| J1417 | Period Register on State Indicator (Settlement Period 08) |
| J1418 | Period Register on State Indicator (Settlement Period 09) |
| J1419 | Period Register on State Indicator (Settlement Period 10) |
| J1420 | Period Register on State Indicator (Settlement Period 11) |
| J1421 | Period Register on State Indicator (Settlement Period 12) |
| J1422 | Period Register on State Indicator (Settlement Period 13) |
| J1423 | Period Register on State Indicator (Settlement Period 14) |
| J1424 | Period Register on State Indicator (Settlement Period 15) |
| J1425 | Period Register on State Indicator (Settlement Period 16) |
| J1426 | Period Register on State Indicator (Settlement Period 17) |
| J1427 | Period Register on State Indicator (Settlement Period 18) |
| J1428 | Period Register on State Indicator (Settlement Period 19) |
| J1429 | Period Register on State Indicator (Settlement Period 20) |
| J1430 | Period Register on State Indicator (Settlement Period 21) |
| J1431 | Period Register on State Indicator (Settlement Period 22) |
| J1432 | Period Register on State Indicator (Settlement Period 23) |
| J1433 | Period Register on State Indicator (Settlement Period 24) |
| J1434 | Period Register on State Indicator (Settlement Period 25) |
| J1435 | Period Register on State Indicator (Settlement Period 26) |
| J1436 | Period Register on State Indicator (Settlement Period 27) |
| J1437 | Period Register on State Indicator (Settlement Period 28) |
| J1438 | Period Register on State Indicator (Settlement Period 29) |
| J1439 | Period Register on State Indicator (Settlement Period 30) |
| J1440 | Period Register on State Indicator (Settlement Period 31) |
| J1441 | Period Register on State Indicator (Settlement Period 32) |
| J1442 | Period Register on State Indicator (Settlement Period 33) |
| J1443 | Period Register on State Indicator (Settlement Period 34) |
| J1444 | Period Register on State Indicator (Settlement Period 35) |
| J1445 | Period Register on State Indicator (Settlement Period 36) |
| J1446 | Period Register on State Indicator (Settlement Period 37) |
| J1447 | Period Register on State Indicator (Settlement Period 38) |
| J1448 | Period Register on State Indicator (Settlement Period 39) |
| J1449 | Period Register on State Indicator (Settlement Period 40) |
| J1450 | Period Register on State Indicator (Settlement Period 41) |
| J1451 | Period Register on State Indicator (Settlement Period 42) |
| J1452 | Period Register on State Indicator (Settlement Period 43) |
| J1453 | Period Register on State Indicator (Settlement Period 44) |
| J1454 | Period Register on State Indicator (Settlement Period 45) |
| J1455 | Period Register on State Indicator (Settlement Period 46) |
| J1456 | Period Register on State Indicator (Settlement Period 47) |
| J1457 | Period Register on State Indicator (Settlement Period 48) |
| J1458 | Period Register on State Indicator (Settlement Period 49) |
| J1459 | Period Register on State Indicator (Settlement Period 50) |
| J0071 | Profile Class Id |
| J0072 | Profile Id |
| J1091 | Profile Production Date |
| J1092 | Profile Production Time |
| J1090 | Report Parameters |
| J1087 | Run Number |
| J1086 | Run Type Code |
| J0146 | Settlement Code |
| J0073 | Settlement Date |
| J0076 | Standard Settlement Configuration Id |
| J0875 | Sunset Variable |
| J0077 | Time of Sunset |
| J0078 | Time Pattern Regime |
| J1089 | User Name |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| ZPD | Data File Additional Header | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | N |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Number |
|  |  |  |  |  | N |  |  |  |  |  |  | GSP Group |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RDT |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | User Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Parameters |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Parameters |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| HDR | Daily Profile Data Report Header | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Profile Production Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Profile Production Time |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GSP | GSP Group | 0-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Actual Noon Temperature |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Noon Effective Temperature |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Time of Sunset |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Sunset Variable |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| PCL | Profile Class Details | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Profile Class Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| PFL | Profile Details | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Profile Id |

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| BPP | Basic Period Profile Coefficients | 1 |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Period Profile Coefficient Value (Settlement Period 01) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 02) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 03) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 04) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 05) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 06) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 07) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 08) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 09) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 10) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 11) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 12) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 13) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 14) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 15) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 16) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 17) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 18) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 19) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 20) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 21) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 22) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 23) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 24) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 25) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 26) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 27) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 28) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 29) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 30) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 31) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 32) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 33) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 34) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 35) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 36) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 37) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 38) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 39) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 40) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 41) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 42) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 43) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 44) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 45) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 46) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 47) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 48) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 49) |
|  |  |  |  |  |  |  |  | O |  |  |  | Period Profile Coefficient Value (Settlement Period 50) |

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| SSC | Standard Settlement Configuration Details | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Standard Settlement Configuration Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| CPP | Combined Period Profile Coefficients | 0-1 |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 01) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 01) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 02) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 02) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 03) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 03) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 04) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 04) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 05) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 05) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 06) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 06) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 07) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 07) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 08) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 08) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 09) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 09) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 10) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 10) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 11) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 11) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 12) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 12) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 13) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 13) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 14) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 14) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 15) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 15) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 16) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 16) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 17) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 17) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 18) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 18) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 19) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 19) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 20) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 20) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 21) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 21) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 22) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 22) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 23) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 23) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 24) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 24) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 25) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 25) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 26) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 26) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 27) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 27) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 28) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 28) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 29) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 29) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 30) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 30) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 31) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 31) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 32) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 32) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 33) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 33) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 34) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 34) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 35) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 35) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 36) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 36) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 37) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 37) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 38) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 38) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 39) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 39) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 40) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 40) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 41) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 41) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 42) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 42) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 43) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 43) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 44) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 44) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 45) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 45) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Low Register Profile Coefficient (Settlement Period 46) |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Normal Register Profile Coefficient (Settlement Period 46) |
|  |  |  |  |  |  |  |  | O |  |  |  | Low Register Profile Coefficient (Settlement Period 47) |
|  |  |  |  |  |  |  |  | O |  |  |  | Normal Register Profile Coefficient (Settlement Period 47) |
|  |  |  |  |  |  |  |  | O |  |  |  | Low Register Profile Coefficient (Settlement Period 48) |
|  |  |  |  |  |  |  |  | O |  |  |  | Normal Register Profile Coefficient (Settlement Period 48) |
|  |  |  |  |  |  |  |  | O |  |  |  | Low Register Profile Coefficient (Settlement Period 49) |
|  |  |  |  |  |  |  |  | O |  |  |  | Normal Register Profile Coefficient (Settlement Period 49) |
|  |  |  |  |  |  |  |  | O |  |  |  | Low Register Profile Coefficient (Settlement Period 50) |
|  |  |  |  |  |  |  |  | O |  |  |  | Normal Register Profile Coefficient (Settlement Period 50) |

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| VMR | Valid Measurement Requirement | 0-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Time Pattern Regime |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PPC | Period Profile Coefficients | 1 |  |  |  |  |  | G |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 01) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 01) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 02) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 02) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 03) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 03) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 04) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 04) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 05) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 05) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 06) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 06) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 07) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 07) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 08) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 08) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 09) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 09) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 10) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 10) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 11) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 11) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 12) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 12) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 13) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 13) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 14) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 14) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 15) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 15) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 16) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 16) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 17) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 17) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 18) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 18) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 19) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 19) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 20) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 20) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 21) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 21) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 22) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 22) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 23) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 23) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 24) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 24) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 25) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 25) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 26) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 26) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 27) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 27) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 28) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 28) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 29) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 29) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 30) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 30) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 31) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 31) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 32) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 32) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 33) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 33) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 34) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 34) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 35) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 35) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 36) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 36) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 37) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 37) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 38) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 38) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 39) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 39) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 40) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 40) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 41) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 41) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 42) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 42) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 43) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 43) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 44) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 44) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 45) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 45) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Profile Coefficient Value (Settlement Period 46) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Period Register on State Indicator (Settlement Period 46) |
|  |  |  |  |  |  |  |  |  | O |  |  | Period Profile Coefficient Value (Settlement Period 47) |
|  |  |  |  |  |  |  |  |  | O |  |  | Period Register on State Indicator (Settlement Period 47) |
|  |  |  |  |  |  |  |  |  | O |  |  | Period Profile Coefficient Value (Settlement Period 48) |
|  |  |  |  |  |  |  |  |  | O |  |  | Period Register on State Indicator (Settlement Period 48) |
|  |  |  |  |  |  |  |  |  | O |  |  | Period Profile Coefficient Value (Settlement Period 49) |
|  |  |  |  |  |  |  |  |  | O |  |  | Period Register on State Indicator (Settlement Period 49) |
|  |  |  |  |  |  |  |  |  | O |  |  | Period Profile Coefficient Value (Settlement Period 50) |
|  |  |  |  |  |  |  |  |  | O |  |  | Period Register on State Indicator (Settlement Period 50) |

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| Notes: | \* Only 1 settlement day’s data is included in this flow.  \* Only the GSP groups in which the Supplier and NHHDC are operating are included.  \* Will be sent to NHHDCs in relation to Settlement Dates affected by a Demand Control Event. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1209 replaced by J0143 |
| Version 3.101 | 2107 | Data Item J1215 replaced by J0066 |
| Version 4 | 2698 | All flow occurrences to NHHDC removed. |
| Version 4 | 2699 | Groups PCL, PFL, BPP, SSC, CPP and PPC changed as specified in change request. |
| Version 4.2 | 2923 | Condition of Group CPP changed from 1. Data Items 'Period Profile Coefficient Value (Settlement Period 02)' to 'Period Profile Coefficient Value (Settlement Period 50)' made optional in Group BPP. Data Items 'Period Profile Coefficient Value (Settlement Period 47)' to 'Period Register on State Indicator (Settlement Period 50)' made optional in Group PPC. Data Items 'Low Register Profile Coefficient (Settlement Period 47)' to 'Normal Register Profile (Settlement Period 50)' made optional in Group CPP. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | New Flow occurrence from SVAA to Supplier added |
| Version 6 | 3081 | Flow occurrence from ISRA (DPP) to Supplier removed |
| Version 8.4 | 3271 | Instance of IARA (DPP) to Supplier removed |
| Version 8.5 | 3274 | Instance of ISRA to Supplier removed |
| Version 11.4 | 3467 | Data Flow updated following implementation of P305 to enable it to be sent to NHHDCs. |

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| Flow Name: | Metering System EAC/AA Data |
| Flow Description: | Details of the annualised advance and estimated annual consumption calculated by the Data Collector for a metering system.. |
| Flow Ownership: | BSC |

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| **From** | **To** | **Version** |
| NHHDC | NHHDA | 1.0 |
| NHHDC | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0079 | Annualised Advance |
| J1096 | Effective from Settlement Date |
| J1097 | Effective to Settlement Date |
| J1099 | Energisation Status Id |
| J0081 | Estimated Annual Consumption |
| J0330 | File Sequence Number |
| J0066 | GSP Group Id |
| J0109 | Instruction Number |
| J1094 | Market Role |
| J0082 | Measurement Class Id |
| J0083 | Metering System Id |
| J1095 | Participant Id |
| J0071 | Profile Class Id |
| J0328 | Significant Date |
| J0076 | Standard Settlement Configuration Id |
| J0084 | Supplier Id |
| J0078 | Time Pattern Regime |
| J1109 | Type Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| ZPI | Instruction File Additional Header | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| ZIN | Instruction Header | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Instruction Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Metering System Id |
|  |  |  |  |  | N |  |  |  |  |  |  | Market Role |
|  |  |  |  |  | N |  |  |  |  |  |  | Participant Id |

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| ISD | Significant Date | 1 |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Significant Date |

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| AAH | Annualised Advance Set Header | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective to Settlement Date |

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| AAD | Annualised Advance Details | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Time Pattern Regime |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Annualised Advance |

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| EAH | Estimated Annual Consumption Header | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date |

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| EAD | Estimated Annual Consumption Details | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Time Pattern Regime |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Estimated Annual Consumption |

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| REG | Registration Details (DC) | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Supplier Id |

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| PSC | Profile Class/Standard Settlement Configuration | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Profile Class Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Standard Settlement Configuration Id |

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| IMC | Measurement Class (DC) | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Measurement Class Id |

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| GSP | GSP Group (DC) | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Id |

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| IES | Energisation Status (DC) | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Energisation Status Id |

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| Notes: | This flow includes Unmetered Supply requirements. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1215 replaced by J0066 |
| Version 4 | 2789 | Flow occurrence from NHHDC to Distributor removed. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |

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| --- | --- |
| Flow Name: | Estimated Half Hourly Data Report |
| Flow Description: | A report listing the dates over a period for which HH data has been estimated including the total consumption estimated.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| HHDC | Distributor | 1.0 |
| HHDC | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0018 | Date (Midnight to Midnight UTC) |
| J0100 | Estimation Reason Code |
| J0103 | Measurement Quantity Id |
| J0003 | MPAN Core |
| J0102 | Number of Periods Estimated |
| J0281 | Total kWh (and kVArh) of Estimated Periods |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 062 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Estimation Reason Code |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |

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| 063 | Dates for Which HH Data Estimated | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Date (Midnight to Midnight UTC) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Number of Periods Estimated |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Measurement Quantity Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Total kWh (and kVArh) of Estimated Periods |

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| Notes: | This is a report (by MSID) showing dates for which meter period data has been estimated and includes total consumption estimated and number of half-hour periods affected. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 8.4 | 3271 | Instance of HHDC to Generator (Scotland) removed |

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| Flow Name: | Failed Instructions |
| Flow Description: | Details of failures reported by the Data Aggregator to the source of the data.. |
| Flow Ownership: | BSC |

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| **From** | **To** | **Version** |
| HHDA | MPAS Agent | 1.0 |
| NHHDA | MPAS Agent | 1.0 |
| NHHDA | NHHDC | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J1101 | Failure Reason Additional Data |
| J1361 | Instruction Failure Reason Code |
| J1100 | Instruction Sequence Number |
| J0083 | Metering System Id |
| J0328 | Significant Date |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MSH | Metering System Header | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Metering System Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Significant Date |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INH | Instruction Header | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Sequence Number |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INR | Instructions Reasons for Failure | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Instruction Failure Reason Code |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Failure Reason Additional Data |

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| --- | --- |
| Notes: | All MS Failure Details will relate to MPAN Core except where a Refresh fails, then this will refer to Distributor Id.  Additional Failure Detail must be related to Rejection Reason Code. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.2 | 2399 | Flow occurrences HHDA to HHDC and HHDA to Supplier removed. |
| Version 4 | 2815 | Data item 'Failure Reason Code' replaced by 'Instruction Failure Reason Code'. |
| Version 5 | 3004 | Flow occurrence from NHHDA to Supplier removed. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3075 | Historical Notes deleted |
| Version 7 | 3111 | 'PRS Agent' replaced by 'MPAS Agent' as a receiving Market Participant Role |

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| --- | --- |
| Flow Name: | Standing Profile Data Report |
| Flow Description: | A standing profile data report for one or all GSP Group containing data valid for a day.. |
| Flow Ownership: | BSC |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| SVAA | NHHDC | 6.0 |
| SVAA | Supplier | 6.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0127 | Day Type Id |
| J0129 | Group Average Annual Consumption |
| J1104 | GSP Group |
| J0066 | GSP Group Id |
| J1102 | Period Id |
| J0122 | Profile Class Description |
| J0071 | Profile Class Id |
| J0124 | Profile Description |
| J0072 | Profile Id |
| J1091 | Profile Production Date |
| J1092 | Profile Production Time |
| J0878 | Profile Settlement Periods |
| J0433 | Regression Coefficient |
| J1191 | Report Paramaters (GSP Groups) |
| J1090 | Report Parameters |
| J1087 | Run Number |
| J1086 | Run Type Code |
| J0128 | Season Id |
| J0146 | Settlement Code |
| J0073 | Settlement Date |
| J0123 | Switched Load Profile Class Ind |
| J1089 | User Name |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| ZPD | Data File Additional Header | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | N |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Number |
|  |  |  |  |  | N |  |  |  |  |  |  | GSP Group |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RDT |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | User Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Parameters |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Parameters |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Paramaters (GSP Groups) |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HDR | Standing Profile Data Report Header | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Season Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Day Type Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Profile Production Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Profile Production Time |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PCD | Profile Class Details | 0-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Profile Class Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Profile Class Description |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Switched Load Profile Class Ind |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PFD | Profile Details | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Profile Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Profile Description |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Profile Settlement Periods |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GAA | Group Average Annual Consumption | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | GSP Group Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Group Average Annual Consumption |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RGC | Regression Coefficient | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Period Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Regression Coefficient |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Regression Coefficient |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Regression Coefficient |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Regression Coefficient |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Regression Coefficient |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Regression Coefficient |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Regression Coefficient |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Regression Coefficient |

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| Notes: | This Flow is only available upon request from the SVAA Helpdesk.Due to changes in the field length (from 39 to 42) for J1191 ‘Report Paramaters (GSP Groups)’, this Flow will not be transmitted using the DTN, and participants should agree an alternative method with SVAA at the time of requesting the Flow. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1209 replaced with J0143. Data Item J1215 replaced by J0066 |
| Version 3.101 | 2119 | Data Item J1090 replaced by J1191 as the last item in the group RDT. |
| Version 4 | 2818 | Data Item 'End Time' removed from Group RGC. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | New Flow occurrences from SVAA to NHHDC and SVAA to Supplier added |
| Version 6 | 3081 | Flow occurrences from ISRA (DPP) to NHHDC and Supplier removed |
| Version 8.3 | 3254 | Flow notes added to specify that the flow is only available on request and will not be sent via the DTN |
| Version 8.4 | 3271 | Instances of IARA (DPP) to NHHDC and Supplier removed |
| Version 8.5 | 3274 | Instance of ISRA to Supplier/NHHDC removed |

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| --- | --- |
| Flow Name: | Standard Settlement Configuration Report |
| Flow Description: | Details of the Valid Settlement Configuration Profile Classes, Valid Measurement Profile Class, Clock Intervals, Teleswitch Intervals.. |
| Flow Ownership: | BSC |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| SVAA | NHHDC | 6.0 |
| SVAA | Supplier | 6.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0133 | Average Fraction of Yearly Consumption |
| J0726 | Day of the Week Id |
| J0287 | End Day |
| J0288 | End Month |
| J0143 | End Time |
| J0744 | GMT Indicator |
| J1104 | GSP Group |
| J0122 | Profile Class Description |
| J0071 | Profile Class Id |
| J1091 | Profile Production Date |
| J1092 | Profile Production Time |
| J1090 | Report Parameters |
| J1087 | Run Number |
| J1086 | Run Type Code |
| J0146 | Settlement Code |
| J0073 | Settlement Date |
| J0075 | Standard Settlement Configuration Desc |
| J0076 | Standard Settlement Configuration Id |
| J0289 | Start Day |
| J0290 | Start Month |
| J0142 | Start Time |
| J0132 | Switched Load Indicator |
| J0123 | Switched Load Profile Class Ind |
| J0136 | Tele-Switch Group Id |
| J0137 | Tele-Switch Switch Id |
| J0135 | Tele-Switch User Id |
| J0078 | Time Pattern Regime |
| J1089 | User Name |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ZPD | Data File Additional Header | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | N |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Number |
|  |  |  |  |  | N |  |  |  |  |  |  | GSP Group |

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| RDT |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | User Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Parameters |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Parameters |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RUN | Profile Production Run Details | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Profile Production Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Profile Production Time |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| SSC | Standard Settlement Configuration Profile Class | 0-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Profile Class Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Profile Class Description |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Switched Load Profile Class Ind |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Standard Settlement Configuration Desc |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| VMR | Valid Measurement Requirement Profile Class | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Time Pattern Regime |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Switched Load Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GMT Indicator |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| AFY | Average Fraction of Yearly Consumption | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | GSP Group |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Average Fraction of Yearly Consumption |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CKI | Clock Intervals | 0-\* | If Tele-Switch/Clock Indicator = C |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Day of the Week Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Start Day |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Start Month |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Start Time |
|  |  |  |  |  |  |  | 1 |  |  |  |  | End Day |
|  |  |  |  |  |  |  | 1 |  |  |  |  | End Month |
|  |  |  |  |  |  |  | 1 |  |  |  |  | End Time |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TSW | Tele-Switch Intervals | 0-\* | If Tele-Switch/Clock Indicator = S |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Tele-Switch User Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Tele-Switch Group Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Tele-Switch Switch Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Start Time |
|  |  |  |  |  |  |  | 1 |  |  |  |  | End Time |

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| Notes: | This report is produced for a day and contains the details of SSC that were valid for that day only, therefore effective from/to dates are not required. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1208 replaced with J0143. Data Item J1219 replaced by J0135. Data Item J1211 replaced by J0142. Data Item J1213 replaced by J0137. |
| Version 4 | 2813 | Data Item 'Day Type Id' replaced by 'Day of the Week Id'. |
| Version 4 | 2817 | Data Item 'GMT Indicator' added to group VMR. |
| Version 4.1 | 2870 | Condition of group CKI changed from 'If Tele-Switch Clock Indicator = C' and condition of group TSW changed from 'If Tele-Switch Clock Indicator = s??'. |
| Version 4.2 | 2930 | Groups CKI and TSW made a child of Group VMR. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | New Flow occurrences from SVAA to NHHDC and SVAA to Supplier added |
| Version 6 | 3081 | Flow occurrences from ISRA (DPP) to NHHDC and Supplier removed |
| Version 8.4 | 3271 | Instances of IARA to NHHDC and Supplier removed |
| Version 8.5 | 3274 | Instance of ISRA to Supplier/NHHDC removed |

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| --- | --- |
| Flow Name: | Aggregated DUoS Report |
| Flow Description: | A report of profiled SPM data by settlement class summed over Data Aggregator and Distributor. The Distributor will receive one report per Supplier. The report also includes domain data. In part one where the information is sent to the Distributor it will contain all Suppliers, whereas where the information is sent to the Supplier it will contain only data pertaining to that Supplier.. |
| Flow Ownership: | BSC |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| SVAA | Distributor | 6.0 |
| SVAA | Supplier | 6.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0161 | AA/EAC Indicator |
| J0020 | Actual/Estimated Indicator |
| J0244 | BSC Trading Party Id |
| J0160 | Consumption Component Class Id |
| J0162 | Consumption Component Indicator |
| J0884 | Daily Profiled SPM Total Annualised Advance |
| J0885 | Daily Profiled SPM Total EAC |
| J0163 | Data Aggregation Type |
| J0189 | Distributor Id |
| J0323 | Distributor Name |
| J1104 | GSP Group |
| J0166 | GSP Group Correction Factor |
| J0165 | GSP Group Correction Scaling Factor |
| J0066 | GSP Group Id |
| J0269 | GSP Group Name |
| J0147 | Line Loss Factor Class Id |
| J0103 | Measurement Quantity Id |
| J0164 | Metered/Unmetered Indicator |
| J1103 | Profile Class |
| J1292 | Profiled SPM Consumption (Settlement Period 01) |
| J1312 | Profiled SPM Consumption (Settlement Period 02) |
| J1313 | Profiled SPM Consumption (Settlement Period 03) |
| J1314 | Profiled SPM Consumption (Settlement Period 04) |
| J1315 | Profiled SPM Consumption (Settlement Period 05) |
| J1316 | Profiled SPM Consumption (Settlement Period 06) |
| J1317 | Profiled SPM Consumption (Settlement Period 07) |
| J1318 | Profiled SPM Consumption (Settlement Period 08) |
| J1319 | Profiled SPM Consumption (Settlement Period 09) |
| J1320 | Profiled SPM Consumption (Settlement Period 10) |
| J1321 | Profiled SPM Consumption (Settlement Period 11) |
| J1322 | Profiled SPM Consumption (Settlement Period 12) |
| J1323 | Profiled SPM Consumption (Settlement Period 13) |
| J1324 | Profiled SPM Consumption (Settlement Period 14) |
| J1325 | Profiled SPM Consumption (Settlement Period 15) |
| J1326 | Profiled SPM Consumption (Settlement Period 16) |
| J1327 | Profiled SPM Consumption (Settlement Period 17) |
| J1328 | Profiled SPM Consumption (Settlement Period 18) |
| J1329 | Profiled SPM Consumption (Settlement Period 19) |
| J1330 | Profiled SPM Consumption (Settlement Period 20) |
| J1331 | Profiled SPM Consumption (Settlement Period 21) |
| J1332 | Profiled SPM Consumption (Settlement Period 22) |
| J1333 | Profiled SPM Consumption (Settlement Period 23) |
| J1334 | Profiled SPM Consumption (Settlement Period 24) |
| J1335 | Profiled SPM Consumption (Settlement Period 25) |
| J1336 | Profiled SPM Consumption (Settlement Period 26) |
| J1337 | Profiled SPM Consumption (Settlement Period 27) |
| J1338 | Profiled SPM Consumption (Settlement Period 28) |
| J1339 | Profiled SPM Consumption (Settlement Period 29) |
| J1340 | Profiled SPM Consumption (Settlement Period 30) |
| J1341 | Profiled SPM Consumption (Settlement Period 31) |
| J1342 | Profiled SPM Consumption (Settlement Period 32) |
| J1343 | Profiled SPM Consumption (Settlement Period 33) |
| J1344 | Profiled SPM Consumption (Settlement Period 34) |
| J1345 | Profiled SPM Consumption (Settlement Period 35) |
| J1346 | Profiled SPM Consumption (Settlement Period 36) |
| J1347 | Profiled SPM Consumption (Settlement Period 37) |
| J1348 | Profiled SPM Consumption (Settlement Period 38) |
| J1349 | Profiled SPM Consumption (Settlement Period 39) |
| J1350 | Profiled SPM Consumption (Settlement Period 40) |
| J1351 | Profiled SPM Consumption (Settlement Period 41) |
| J1352 | Profiled SPM Consumption (Settlement Period 42) |
| J1353 | Profiled SPM Consumption (Settlement Period 43) |
| J1354 | Profiled SPM Consumption (Settlement Period 44) |
| J1355 | Profiled SPM Consumption (Settlement Period 45) |
| J1356 | Profiled SPM Consumption (Settlement Period 46) |
| J1357 | Profiled SPM Consumption (Settlement Period 47) |
| J1358 | Profiled SPM Consumption (Settlement Period 48) |
| J1359 | Profiled SPM Consumption (Settlement Period 49) |
| J1360 | Profiled SPM Consumption (Settlement Period 50) |
| J1090 | Report Parameters |
| J1087 | Run Number |
| J1086 | Run Type Code |
| J0146 | Settlement Code |
| J0882 | Settlement Code Description |
| J0073 | Settlement Date |
| J0074 | Settlement Period Id |
| J0167 | Settlement Period Label |
| J0190 | SPM Default EAC MSID Count |
| J0153 | SPM Total AA MSID Count |
| J1296 | SPM Total All EACs |
| J1195 | SPM Total Annualised Advance Report Value |
| J0150 | SPM Total EAC MSID Count |
| J0195 | SSR Run Date |
| J0196 | SSR Run Number |
| J0197 | SSR Run Type Id |
| J0076 | Standard Settlement Configuration Id |
| J0084 | Supplier Id |
| J0248 | Supplier Name |
| J0078 | Time Pattern Regime |
| J1089 | User Name |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ZPD | Data File Additional Header | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Number |
|  |  |  |  |  | N |  |  |  |  |  |  | GSP Group |

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| RDT |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | User Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Parameters |

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| HDR |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code Description |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Type Id |

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| SUP |  | 1 | If Report is for Supplier | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | BSC Trading Party Id |

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| DIS |  | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Distributor Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Distributor Name |

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| GP1 |  | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | GSP Group Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | GSP Group Name |

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| VMR |  | 0-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Profile Class |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Distributor Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Line Loss Factor Class Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Time Pattern Regime |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total All EACs |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total Annualised Advance Report Value |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total EAC MSID Count |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total AA MSID Count |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Default EAC MSID Count |

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| SPX |  | 1 |  |  |  |  |  | G |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 01) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 02) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 03) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 04) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 05) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 06) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 07) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 08) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 09) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 10) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 11) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 12) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 13) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 14) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 15) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 16) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 17) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 18) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 19) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 20) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 21) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 22) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 23) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 24) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 25) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 26) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 27) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 28) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 29) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 30) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 31) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 32) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 33) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 34) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 35) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 36) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 37) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 38) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 39) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 40) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 41) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 42) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 43) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 44) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 45) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 46) |
|  |  |  |  |  |  |  |  |  | O |  |  | Profiled SPM Consumption (Settlement Period 47) |
|  |  |  |  |  |  |  |  |  | O |  |  | Profiled SPM Consumption (Settlement Period 48) |
|  |  |  |  |  |  |  |  |  | O |  |  | Profiled SPM Consumption (Settlement Period 49) |
|  |  |  |  |  |  |  |  |  | O |  |  | Profiled SPM Consumption (Settlement Period 50) |

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| TOT |  | 1 |  |  |  |  |  | G |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Daily Profiled SPM Total EAC |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Daily Profiled SPM Total Annualised Advance |

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| SUP |  | 0-\* | If Report is for Distributor | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | BSC Trading Party Id |

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| DIS |  | 1 |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Distributor Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Distributor Name |

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| GP1 |  | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | GSP Group Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | GSP Group Name |

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| VMR |  | 0-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Profile Class |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Distributor Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Line Loss Factor Class Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Time Pattern Regime |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total All EACs |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total Annualised Advance Report Value |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total EAC MSID Count |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total AA MSID Count |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Default EAC MSID Count |

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| SPX |  | 1 |  |  |  |  |  | G |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 01) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 02) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 03) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 04) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 05) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 06) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 07) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 08) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 09) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 10) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 11) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 12) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 13) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 14) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 15) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 16) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 17) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 18) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 19) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 20) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 21) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 22) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 23) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 24) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 25) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 26) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 27) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 28) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 29) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 30) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 31) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 32) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 33) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 34) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 35) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 36) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 37) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 38) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 39) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 40) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 41) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 42) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 43) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 44) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 45) |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Profiled SPM Consumption (Settlement Period 46) |
|  |  |  |  |  |  |  |  |  | O |  |  | Profiled SPM Consumption (Settlement Period 47) |
|  |  |  |  |  |  |  |  |  | O |  |  | Profiled SPM Consumption (Settlement Period 48) |
|  |  |  |  |  |  |  |  |  | O |  |  | Profiled SPM Consumption (Settlement Period 49) |
|  |  |  |  |  |  |  |  |  | O |  |  | Profiled SPM Consumption (Settlement Period 50) |

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| TOT |  | 1 |  |  |  |  |  | G |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Daily Profiled SPM Total EAC |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Daily Profiled SPM Total Annualised Advance |

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| HD2 |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code Description |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Type Id |

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| SU2 |  | 1 | If Report is for Supplier | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Name |

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| CCC |  | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Consumption Component Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | AA/EAC Indicator |
|  |  |  |  |  |  | O |  |  |  |  |  | Actual/Estimated Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Data Aggregation Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Metered/Unmetered Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Consumption Component Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Measurement Quantity Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Correction Scaling Factor |

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| SP2 |  | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Name |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Settlement Period Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Settlement Period Label |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Correction Factor |

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| SUP |  | 0-\* | If Report is for Distributor | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | BSC Trading Party Id |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CCC |  | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Consumption Component Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | AA/EAC Indicator |
|  |  |  |  |  |  | O |  |  |  |  |  | Actual/Estimated Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Data Aggregation Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Metered/Unmetered Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Consumption Component Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Measurement Quantity Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Correction Scaling Factor |

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| SP2 |  | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Name |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Settlement Period Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Settlement Period Label |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Correction Factor |

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| --- | --- |
| Notes: | Settlement Period Id in Part III is not shown in the Logical Design - Function Definition but is shown in the Logical Design User Interface. It is left in this flow.  Logical Design defines Part 1 as one I/O structure and Parts II and III as another thus implying that these are two different flows. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1215 replaced by J0066. Data Item J1205 replaced by J0196. |
| Version 3.101 | 2164 | Data Item J1218 replaced by J0166. |
| Version 4 | 2595 | Both instances of Groups VMR, SPX and TOT changed as specified in change request. |
| Version 4 | 2659 | Data item 'SPM Total All EACs' in group VMR made mandatory. |
| Version 4.1 | 2843 | For 1st occurrence of SUP 'If Report is for Supplier' deleted from Group Description and added to condition. For 2nd occurrence of SPX range changed from '0-\*'. For 3rd occurrence of SUP 'If Report is for Distributor' added to condition. |
| Version 4.2 | 2923 | Data Items ' Profiled SPM Consumption (Settlement Period 47)' to 'Profiled SPM Consumption (Settlement Period 50)' made optional in both instances of Group SPX. Data Items 'AA/EAC Indicator' and 'Actual/Estimated Indicator' made optional in both instances of Group CCC. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | New Flow instances from SVAA to Distributor and SVAA to Supplier added |
| Version 8.4 | 3271 | Instances of IARA to Distributor and Supplier removed |
| Version 8.5 | 3274 | Instances of ISRA to Distributor/Supplier removed |
| Version 11.3 | 3454 | Change of Data Flow name. |

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| --- | --- |
| Flow Name: | Agreement on a Change of Supplier Reading |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 375 | Flow Type Manual added. |
| Version 3.1 | 1474 | Flow from Old Supplier to HHDC removed. |
| Version 4 | 2845 | Flow deleted from catalogue. |

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| --- | --- |
| Flow Name: | Disagreement on a Change of Supplier Reading |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 375 | Flow Type Manual added. |
| Version 3.1 | 1474 | Flow from Old Supplier to HHDC removed. |
| Version 3.1 | 1861 | Description changed. Flow from Old NHHDC to New NHHDC and Old HHDC to New HHDC. |
| Version 3.2 | 2308 | Flow occurrence from Old HHDC to New HHDC removed. |
| Version 4 | 2417 | Flow occurrence from NHHDC to Supplier added. |
| Version 4 | 2454 | Data item 'Rejection Reason Code' replaced by 'Change of Supplier Reading Rejection Code' in group 099. |
| Version 5.1 | 3032 | Flow removed from DTC. |

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| Flow Name: | Authorisation of the Data Collector to Make Customer Appointment |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 228 | Flow Name changed to show this is for a Customer Appointment to remove confusion with Agent Appointment. |
| Version 3.1 | 1643 | Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements. |
| Version 3.2 | 2309 | All flow occurrences to HHDC removed. |
| Version 4 | 2242 | Flow deleted from catalogue. |

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| --- | --- |
| Flow Name: | Validated Half Hourly Advances for Inclusion in Aggregated Supplier Matrix |
| Flow Description: | Half Hourly consumption values for use in Supplier and Distributor billing and for submission to HHDA.. |
| Flow Ownership: | MRA |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| HHDC | Distributor | 3.0 |
| HHDC | HHDA | 1.0 |
| HHDC | HHDC | 3.2 |
| HHDC | Supplier | 3.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0020 | Actual/Estimated Indicator |
| J0103 | Measurement Quantity Id |
| J0003 | MPAN Core |
| J0177 | Period Metered Consumption |
| J0073 | Settlement Date |
| J0084 | Supplier Id |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 101 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Measurement Quantity Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 102 | Settlement Date | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Settlement Date |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 103 | HH Periods | 46, 48, 50 |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Actual/Estimated Indicator |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Period Metered Consumption |

|  |  |
| --- | --- |
| Notes: | This flow includes unmetered supply requirements. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1144 | Data Item Timestamp removed. |
| Version 3.1 | 1499 | Flow description amended to clarify the flows usage. |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1885 | Notes added re unmetered supply. |
| Version 3.2 | 2097 | Range of group 103 changed to '48' and Settlement Date changed to Date (UTC) and group description changed. |
| Version 3.2 | 2463 | Flow occurrence from Old HHDC to New HHDC added for transfer of historical data. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 4 | 2747 | Flow occurrence from HHDC to Generator (Scotland) removed. |
| Version 4 | 2794 | Change request 2097 (implemented in v3.2) has been reversed, and the flow structure has been returned to its structure in version 3.103. That is the range of group 103 changed to '46, 48, 50', the description of group 102 changed, and Data Item 'Date (Midnight to Midnight UTC)' replaced with 'Settlement Date'. |

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| Flow Name: | Daily Profile Coefficient File |
| Flow Description: | The collection of daily profile weights calculated for a particular day used in the EAC/AA calculations.. |
| Flow Ownership: | BSC |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| SVAA | NHHDC | 6.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0184 | Daily Profile Coefficient |
| J1104 | GSP Group |
| J0066 | GSP Group Id |
| J0071 | Profile Class Id |
| J1087 | Run Number |
| J1086 | Run Type Code |
| J0146 | Settlement Code |
| J0073 | Settlement Date |
| J0076 | Standard Settlement Configuration Id |
| J0078 | Time Pattern Regime |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ZPD | Data File Additional Header | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | N |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Number |
|  |  |  |  |  | O |  |  |  |  |  |  | GSP Group |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GSP | GSP Group | 0-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PCI | Profile Class | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Profile Class Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SCI | Standard Settlement Configuration | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Standard Settlement Configuration Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DPC | Daily Profile Coefficient | 0-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Time Pattern Regime |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Daily Profile Coefficient |

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| --- | --- |
| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1215 replaced by J0066 |
| Version 4 | 2755 | Flow occurrence from IARA (DPP) to NHHDC removed. |
| Version 4.1 | 2869 | Data Item 'GSP Group' made optional in group ZPD. |
| Version 4.1 | 2873 | Flow occurrences from ISRA (DPP) to NHHDC and from ISRA to Supplier removed. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | New Flow occurrence from SVAA to NHHDC added |
| Version 8.4 | 3271 | Instance of IARA to NHHDC removed |
| Version 8.5 | 3274 | Instance of ISRA to NHHDC removed |

|  |  |
| --- | --- |
| Flow Name: | Aggregated Half Hour Data File |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1197 replaced with J0185. |
| Version 3.2 | 2397 | Notes removed to avoid confusion. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | New Flow occurrence added from HHDA to SVAA |
| Version 7.9 | 3207 | Data Item J0241 moved from Group CCC to Group SET. Group Description for CCC and SET amended. (Implementation date modified via CP 3222) |
| Version 7.9 | 3224 | Flow Version 1 deleted, Flow Version 2 created. |
| Version 8.4 | 3271 | Instance of HHDA to IARA removed |
| Version 8.5 | 3274 | Instance of HHDA to ISRA removed |
| Version 11.3 | 3454 | Version 3 of Data Flow created with a status of Test |
| Version 11.4 | 3453 | Data Flow version 2 removed, version 3 status changed to operational |

|  |  |
| --- | --- |
| Flow Name: | Aggregated Half Hour Data File |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1197 replaced with J0185. |
| Version 3.2 | 2397 | Notes removed to avoid confusion. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | New Flow occurrence added from HHDA to SVAA |
| Version 7.9 | 3207 | Data Item J0241 moved from Group CCC to Group SET. Group Description for CCC and SET amended. (Implementation date modified via CP 3222) |
| Version 7.9 | 3224 | Flow Version 1 deleted, Flow Version 2 created. |
| Version 8.4 | 3271 | Instance of HHDA to IARA removed |
| Version 8.5 | 3274 | Instance of HHDA to ISRA removed |
| Version 11.3 | 3454 | Version 3 of Data Flow created with a status of Test |
| Version 11.4 | 3453 | Data Flow version 2 removed, version 3 status changed to operational |

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| --- | --- |
| Flow Name: | Aggregated Half Hour Data File |
| Flow Description: | Aggregated line loss adjusted HH consumption figures by Supplier and GSP Group. Where this flow is intended for the Supplier, the set of Suppliers will be limited to that Supplier only.. |
| Flow Ownership: | BSC |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| HHDA | Supplier | 11.4 |
| HHDA | SVAA | 11.4 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0185 | Aggregated Supplier Consumption |
| J0186 | Aggregated Supplier Line Loss |
| J0160 | Consumption Component Class Id |
| J0241 | Data Aggregator HH MSID Count |
| J0189 | Distributor Id |
| J1104 | GSP Group |
| J0147 | Line Loss Factor Class Id |
| J1087 | Run Number |
| J1086 | Run Type Code |
| J0146 | Settlement Code |
| J0073 | Settlement Date |
| J0074 | Settlement Period Id |
| J0084 | Supplier Id |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ZPD | Data File Additional Header | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SUP | Supplier | 0-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CCC | Consumption Component Class | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Consumption Component Class Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SET | Settlement Period/Data Aggregator HH MSID Count | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Settlement Period Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Data Aggregator HH MSID Count |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ASC | Aggregated Supplier Consumption | 1 | If Consumption |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Aggregated Supplier Consumption |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ASL | Aggregated Supplier Line Loss | 1 | If Line Loss |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Aggregated Supplier Line Loss |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 24J | Supplier ID | 0-\* | If Supplier has MPANs in Measurement Class ‘F’ or ‘G’ | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 25J | Consumption Component Class | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Consumption Component Class Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26J | Line Loss Factor Class | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Distributor Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Line Loss Factor Class Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 27J | Settlement Period/Data Aggregator HH MSID Count | 0-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Settlement Period Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Data Aggregator HH MSID Count |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 28J | Aggregated Supplier Consumption | 1 | If Consumption |  |  |  |  | G |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Aggregated Supplier Consumption |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 29J | Aggregated Supplier Line Loss | 1 | If Line Loss |  |  |  |  | G |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Aggregated Supplier Line Loss |

|  |  |
| --- | --- |
| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1197 replaced with J0185. |
| Version 3.2 | 2397 | Notes removed to avoid confusion. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | New Flow occurrence added from HHDA to SVAA |
| Version 7.9 | 3207 | Data Item J0241 moved from Group CCC to Group SET. Group Description for CCC and SET amended. (Implementation date modified via CP 3222) |
| Version 7.9 | 3224 | Flow Version 1 deleted, Flow Version 2 created. |
| Version 8.4 | 3271 | Instance of HHDA to IARA removed |
| Version 8.5 | 3274 | Instance of HHDA to ISRA removed |
| Version 11.3 | 3454 | Version 3 of Data Flow created with a status of Test |
| Version 11.4 | 3453 | Data Flow version 2 removed, version 3 status changed to operational |

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| --- | --- |
| Flow Name: | Supplier Purchase Matrix Data File |
| Flow Description: | Details of NHH Consumption per Supplier aggregated per GSP Group by profile class, line loss factor class and measurement requirement.. |
| Flow Ownership: | BSC |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| NHHDA | Supplier | 4.4 |
| NHHDA | SVAA | 6.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0189 | Distributor Id |
| J1104 | GSP Group |
| J0147 | Line Loss Factor Class Id |
| J0071 | Profile Class Id |
| J1087 | Run Number |
| J1086 | Run Type Code |
| J0146 | Settlement Code |
| J0073 | Settlement Date |
| J0190 | SPM Default EAC MSID Count |
| J0191 | SPM Default Unmetered MSID Count |
| J0153 | SPM Total AA MSID Count |
| J0148 | SPM Total Annualised Advance |
| J0149 | SPM Total EAC |
| J0150 | SPM Total EAC MSID Count |
| J0151 | SPM Total Unmetered Consumption |
| J0152 | SPM Total Unmetered MSID Count |
| J0076 | Standard Settlement Configuration Id |
| J0084 | Supplier Id |
| J0078 | Time Pattern Regime |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ZPD | Data File Additional Header | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SUP | Supplier Details | 0-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| SPM | Supplier Purchase Matrix Details | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Profile Class Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Distributor Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Line Loss Factor Class Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Time Pattern Regime |
|  |  |  |  |  |  | 1 |  |  |  |  |  | SPM Default EAC MSID Count |
|  |  |  |  |  |  | 1 |  |  |  |  |  | SPM Default Unmetered MSID Count |
|  |  |  |  |  |  | 1 |  |  |  |  |  | SPM Total AA MSID Count |
|  |  |  |  |  |  | 1 |  |  |  |  |  | SPM Total Annualised Advance |
|  |  |  |  |  |  | 1 |  |  |  |  |  | SPM Total EAC |
|  |  |  |  |  |  | 1 |  |  |  |  |  | SPM Total EAC MSID Count |
|  |  |  |  |  |  | 1 |  |  |  |  |  | SPM Total Unmetered Consumption |
|  |  |  |  |  |  | 1 |  |  |  |  |  | SPM Total Unmetered MSID Count |

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| Notes: | If the details are sent to the Supplier then only details relevant to that Supplier will be included. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 4 | 2787 | Flow occurrence from NHHDA to Supplier removed. |
| Version 4.4 | 2957 | Flow occurrence from NHHDA to Supplier added. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | Flow occurrence from NHHDA to SVAA added |
| Version 8.4 | 3271 | Instance of NHHDA to IARA removed |
| Version 8.5 | 3274 | Instance of NHHDA to ISRA removed |

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| --- | --- |
| Flow Name: | Supplier Deemed Take Report |
| Flow Description: | A report for each Supplier, containing details of the deemed take calculations, including GSP Group correction and NPG spill processing.. |
| Flow Ownership: | BSC |

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| **From** | **To** | **Version** |
| SVAA | Supplier | 6.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0887 | CCC Aggregated Supplier Consumption |
| J0888 | CCC Aggregated Supplier Line Loss |
| J0889 | CCC Corrected Supplier Consumption |
| J0890 | CCC Corrected Supplier Line Loss |
| J0894 | Daily CCC Aggregated Supplier Consumption |
| J0895 | Daily CCC Aggregated Supplier Line Loss |
| J0896 | Daily CCC Corrected Supplier Consumption |
| J0897 | Daily CCC Corrected Supplier Line Loss |
| J0891 | Daily Supplier Deemed Take |
| J1114 | Daily Supplier Pre-Spill Adjusted Take |
| J0892 | Daily Unadjusted Supplier Deemed Take |
| J1104 | GSP Group |
| J0166 | GSP Group Correction Factor |
| J0066 | GSP Group Id |
| J0269 | GSP Group Name |
| J0194 | Period Supplier Deemed Take |
| J1090 | Report Parameters |
| J1087 | Run Number |
| J1086 | Run Type Code |
| J0146 | Settlement Code |
| J0882 | Settlement Code Description |
| J0073 | Settlement Date |
| J0074 | Settlement Period Id |
| J0167 | Settlement Period Label |
| J0195 | SSR Run Date |
| J0196 | SSR Run Number |
| J0197 | SSR Run Type Id |
| J0084 | Supplier Id |
| J0248 | Supplier Name |
| J1113 | Supplier Pre-Spill Adjusted Take (Supplier Period Weighted Consumption) |
| J0296 | Total Period NPG Spill |
| J0295 | Total Period Weighted Consumption |
| J0198 | Unadjusted Supplier Deemed Take |
| J1089 | User Name |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| ZPD |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Number |
|  |  |  |  |  | N |  |  |  |  |  |  | GSP Group |

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| RDT |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | User Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Parameters |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HDR |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code Description |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Type Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Name |

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| GSP |  | 0-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group Name |

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| SPX |  | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Settlement Period Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Settlement Period Label |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Period Supplier Deemed Take |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Unadjusted Supplier Deemed Take |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Supplier Pre-Spill Adjusted Take (Supplier Period Weighted Consumption) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Total Period NPG Spill |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Total Period Weighted Consumption |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Correction Factor |
|  |  |  |  |  |  | 1 |  |  |  |  |  | CCC Aggregated Supplier Consumption |
|  |  |  |  |  |  | 1 |  |  |  |  |  | CCC Aggregated Supplier Line Loss |
|  |  |  |  |  |  | 1 |  |  |  |  |  | CCC Corrected Supplier Consumption |
|  |  |  |  |  |  | 1 |  |  |  |  |  | CCC Corrected Supplier Line Loss |

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| TOT |  | 1 |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Daily Supplier Deemed Take |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Daily Unadjusted Supplier Deemed Take |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Daily Supplier Pre-Spill Adjusted Take |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Daily CCC Aggregated Supplier Consumption |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Daily CCC Aggregated Supplier Line Loss |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Daily CCC Corrected Supplier Consumption |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Daily CCC Corrected Supplier Line Loss |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1215 replaced by J0066. Data Item J1205 replaced by J0196. |
| Version 4.1 | 2869 | Data Item 'GSP Group' made Null in Group ZPD. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | Flow occurrence from SVAA to Supplier added |
| Version 8.4 | 3271 | Instance of IARA to Supplier removed |
| Version 8.5 | 3274 | Instance of ISRA to Supplier removed |

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| Flow Name: | Affirmation of Half Hour Data Retrieval Method and Associated Details |
| Flow Description: | Establish the retrieval method and settlement details to be applied at a specified metering point.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| HHDC | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0049 | Effective from Settlement Date {REGI} |
| J0003 | MPAN Core |
| J0098 | Retrieval Method |
| J0722 | Retrieval Method Effective Date |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 120 | Retrieval Data | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Retrieval Method |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Retrieval Method Effective Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {REGI} |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 375 | Flow Type Manual added. |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 4 | 2747 | Flow occurrence from HHDC to Generator (Scotland) removed. |

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| --- | --- |
| Flow Name: | Affirmation of Metering System Settlement Details |
| Flow Description: | Establish the settlement details and EAC applied for a specified metering point and unmetered supply. Used for new metering points, change in settlement details or change in Profile Class.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | NHHDC | 1.0 |
| UMSO | NHHDC | 8.3 |
| UMSO | Supplier | 8.3 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0090 | Effective from Settlement Date {EACDC} |
| J0093 | Effective from Settlement Date {MSGGDC} |
| J0094 | Effective from Settlement Date {MSMCDC} |
| J0092 | Effective from Settlement Date {MSPCDC} |
| J0049 | Effective from Settlement Date {REGI} |
| J0300 | Effective from Settlement Date {SCON} |
| J0081 | Estimated Annual Consumption |
| J0066 | GSP Group Id |
| J0082 | Measurement Class Id |
| J0003 | MPAN Core |
| J0071 | Profile Class Id |
| J0076 | Standard Settlement Configuration Id |
| J0078 | Time Pattern Regime |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 121 | MPAN Cores with Settlement Dates | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {REGI} |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Profile Class Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {MSPCDC} |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Measurement Class Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {MSMCDC} |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 122 | Settlement Details | 1 |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {SCON} |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {MSGGDC} |

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| 124 | Time Pattern Regime | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Time Pattern Regime |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Estimated Annual Consumption |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date {EACDC} |

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| Notes: | This flow includes unmetered supply requirements. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 375 | Flow Type Manual added. |
| Version 3.1 | 796 | Description and Title amended to make more meaningful. |
| Version 3.1 | 1172 | Note added re use of Profile Class from the workshop. |
| Version 3.1 | 1574 | EFSD {SCON} added to flow. |
| Version 3.1 | 1643 | Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements. |
| Version 3.1 | 1885 | EFSD {EACDC} added to this flow. Description changed to reflect unmetered supply requirement. |
| Version 3.102 | 2306 | Data Item 'Settlement Register Id' and its group (125) removed as not appropriate. |
| Version 4 | 2460 | Flow description changed. |
| Version 4 | 2490 | All data items in group 123 moved to group 124 and group 123 removed. Group 124 made a child of group 122 and its range changed to '1-\*'. |
| Version 4 | 2565 | Data item 'Effective from Settlement Date {PROF}' replaced by 'Effective from Settlement Date {MSPCDC}' in group 121. |
| Version 4 | 2640 | Flow description changed further. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) removed. |
| Version 4 | 2747 | Flow occurrence from Generator (Scotland) to HHDC removed. |
| Version 4.4 | 2956 | Flow occurrence from Supplier to HHDC removed, Condition 'If NHH meters' removed from Groups 122 and 124 and Notes removed. |
| Version 8.3 | 3250 | Flow occurrences from UMSO to Supplier and UMSO to NHHDC added. |

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| Flow Name: | Registration of Supplier to Specified Metering Point |
| Flow Description: | Supplier registers metering point and provides any data updates required for MPAS.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | MPAS | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0215 | Change of Tenancy Indicator |
| J0163 | Data Aggregation Type |
| J0183 | Data Aggregator Id |
| J0205 | Data Collector Id |
| J0218 | Data Collector Type |
| J0049 | Effective from Settlement Date {REGI} |
| J0080 | Energisation Status |
| J0330 | File Sequence Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0082 | Measurement Class Id |
| J0178 | Meter Operator Id |
| J0675 | Meter Operator Type |
| J0220 | Meter Timeswitch Code |
| J0003 | MPAN Core |
| J0071 | Profile Class Id |
| J0076 | Standard Settlement Configuration Id |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 733 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| 126 | Registration Data, Agent Details and Metering Point Details | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {REGI} |
|  |  |  |  |  |  | O |  |  |  |  |  | Energisation Status |
|  |  |  |  |  |  | O |  |  |  |  |  | Measurement Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Timeswitch Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Profile Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Aggregator Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Aggregation Type |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Collector Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Collector Type |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Operator Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Operator Type |
|  |  |  |  |  |  | O |  |  |  |  |  | Change of Tenancy Indicator |

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| --- | --- |
| Notes: | Change of tenancy indicator must be included for customers covered by contract terms code, other options are to be included when necessary to provide change data for MPAS. The rules for including specific data items and the dependency between items are specified within the MRA and MPAS Validation Procedures.  This flow includes unmetered supply requirements. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 1575 | Sub Groups removed as per MPRS design specifications. |
| Version 3.1 | 1885 | Notes added. |
| Version 7.9 | 3229 | Amended Notes |

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| --- | --- |
| Flow Name: | Rejection of Registration |
| Flow Description: | Notification that registration has been rejected giving the reason and summary of the rejected data.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| MPAS | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0215 | Change of Tenancy Indicator |
| J0163 | Data Aggregation Type |
| J0183 | Data Aggregator Id |
| J0205 | Data Collector Id |
| J0218 | Data Collector Type |
| J0821 | Deemed Received Date |
| J0049 | Effective from Settlement Date {REGI} |
| J0080 | Energisation Status |
| J0330 | File Sequence Number |
| J1017 | Incoming Instruction Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0082 | Measurement Class Id |
| J0178 | Meter Operator Id |
| J0675 | Meter Operator Type |
| J0220 | Meter Timeswitch Code |
| J0003 | MPAN Core |
| J0071 | Profile Class Id |
| J0107 | Rejection Reason Code |
| J0076 | Standard Settlement Configuration Id |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 734 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| 131 | Metering Point Data | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Incoming Instruction Number |
|  |  |  |  |  |  | O |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Deemed Received Date |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective from Settlement Date {REGI} |
|  |  |  |  |  |  | O |  |  |  |  |  | Energisation Status |
|  |  |  |  |  |  | O |  |  |  |  |  | Measurement Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Timeswitch Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Profile Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Aggregator Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Aggregation Type |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Collector Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Collector Type |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Operator Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Operator Type |
|  |  |  |  |  |  | O |  |  |  |  |  | Change of Tenancy Indicator |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 136 | Rejection Reason(s) | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Rejection Reason Code |

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| Notes: | Each optional data item in the above flow is intended to contain data whenever possible - ie. whenever data could be sensibly extracted from the corresponding item in the original incoming instruction. The Incoming Instruction Number item always allows the rejected instructions to be positively identified within the original incoming file.  For more details of the reason for the rejection see the latest version of the MPAS Validation Procedures as defined in MRA Schedule 14. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1080 | MPAN Core made optional as it may have been unintelligible in the incoming flow. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 1573 | Sub-Groups removed per MPRS design specifications. |
| Version 3.1 | 1581 | Incoming Instruction Number (J1017) added to identify the actual instruction rejected within the incoming flow. |
| Version 3.1 | 1981 | Notes altered to maintain clarity and consistency. |
| Version 3.102 | 2125 | Notes altered for clarity. |
| Version 9.2 | 3293 | Notes added to give guidance to Suppliers when processing the Flow |

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| --- | --- |
| Flow Name: | Notification of Termination of Supply Registration |
| Flow Description: | Notification that a metering point has been registered to another Supplier.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| MPAS | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0215 | Change of Tenancy Indicator |
| J0821 | Deemed Received Date |
| J0928 | Effective to Settlement Date {REGI} for Old Supplier |
| J0330 | File Sequence Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0003 | MPAN Core |
| J1194 | New Supplier Id |
| J0031 | Registration Transaction Number |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 735 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| 137 | Notification Data | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Deemed Received Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Registration Transaction Number |
|  |  |  |  |  |  | O |  |  |  |  |  | Change of Tenancy Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective to Settlement Date {REGI} for Old Supplier |
|  |  |  |  |  |  | 1 |  |  |  |  |  | New Supplier Id |

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| Notes: | Change of tenancy indicator must be included for domestic customers covered by contract terms code. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 2072 | Data Item New Supplier Id added to comply with OFFER CoS Process for controlled market startup. |
| Version 3.101 | 2195 | Data Item J1194 moved to end of Group 137. |
| Version 3.101 | 2196 | Notes regarding Supplier Id removed as now redundant. |
| Version 7.9 | 3234 | Data Item J1194 made mandatory |

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| Flow Name: | Notification to Ensure ERS Records are Maintained Independently |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.2 | 2307 | This flow was deleted as it was felt to be unnecessary. |

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| --- | --- |
| Flow Name: | Notification of an Objection to Change of Supplier Made By the Old Supplier |
| Flow Description: | Raise an objection to block the specified metering point changing Supplier for a legitimate reason.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | MPAS | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0924 | Effective from Settlement Date {REGI} for New Supplier |
| J0330 | File Sequence Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0003 | MPAN Core |
| J0031 | Registration Transaction Number |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 736 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| 139 | List of Objections | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Registration Transaction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {REGI} for New Supplier |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 4.2 | 2924 | Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 139. |

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| --- | --- |
| Flow Name: | Confirmation of Receipt of a Registration Objection |
| Flow Description: | Confirm that a legitimate objection has been received and recognised by the Registration System.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| MPAS | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0821 | Deemed Received Date |
| J0924 | Effective from Settlement Date {REGI} for New Supplier |
| J0330 | File Sequence Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0003 | MPAN Core |
| J0031 | Registration Transaction Number |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 737 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 140 | Confirmed Objections | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Deemed Received Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Registration Transaction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {REGI} for New Supplier |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 4.2 | 2924 | Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 140. |

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| Flow Name: | Rejection of a Registration Objection |
| Flow Description: | Reject an objection which has not been recognised or cannot be accepted into the Registration System.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| MPAS | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0821 | Deemed Received Date |
| J0924 | Effective from Settlement Date {REGI} for New Supplier |
| J0330 | File Sequence Number |
| J1017 | Incoming Instruction Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0003 | MPAN Core |
| J0031 | Registration Transaction Number |
| J0107 | Rejection Reason Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 738 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| 141 | Rejected Objections | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Incoming Instruction Number |
|  |  |  |  |  |  | O |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Deemed Received Date |
|  |  |  |  |  |  | O |  |  |  |  |  | Registration Transaction Number |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective from Settlement Date {REGI} for New Supplier |

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| 142 | Rejection Reasons | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Rejection Reason Code |

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| --- | --- |
| Notes: | Each optional data item in the above flow is intended to contain data whenever possible - ie. whenever data could be sensibly extracted from the corresponding item in the original incoming instruction. The Incoming Instruction Number item always allows the rejected instructions to be positively identified within the original incoming file. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1407 | 'MPAN Core' and 'Registration Transaction Number' made optional as they may have been unintelligible in the incoming flow. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 1581 | Incoming Instruction Number (J1017) added to identify the actual instruction rejected within the incoming flow. |
| Version 3.1 | 1981 | Notes added for clarity and consistency. |
| Version 3.102 | 2124 | Notes altered for clarity. |
| Version 4.2 | 2924 | Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 141. |

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| --- | --- |
| Flow Name: | Notification of an Objection to Change of Supplier Sent to the New Supplier |
| Flow Description: | Registration System notifies New Supplier that the Old Supplier has objected to the Change of Supplier.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| MPAS | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0821 | Deemed Received Date |
| J0924 | Effective from Settlement Date {REGI} for New Supplier |
| J0330 | File Sequence Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0003 | MPAN Core |
| J0031 | Registration Transaction Number |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 739 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| 143 | Objection Notifications | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Deemed Received Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Registration Transaction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {REGI} for New Supplier |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 1686 | Data Item 'Objection Registration Date' replaced by 'Deemed Received Date', as it should have been included in Version 3.0. |
| Version 3.1 | 1981 | Notes altered to maintain clarity and consistency. |
| Version 3.1 | 2074 | Old Supplier Id removed and placed in D0260 in order to comply with the OFFER CoS process for controlled market startup. |
| Version 3.101 | 2196 | Notes removed as now redundant. |

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| --- | --- |
| Flow Name: | Removal of Registration Objection |
| Flow Description: | Old Supplier removes objection to the Change of Supplier and lodges this with the Registration System.. |
| Flow Ownership: | MRA |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | MPAS | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0924 | Effective from Settlement Date {REGI} for New Supplier |
| J0330 | File Sequence Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0003 | MPAN Core |
| J0031 | Registration Transaction Number |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 740 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| 144 | List of Objections | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Registration Transaction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {REGI} for New Supplier |

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| --- | --- |
| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 4.2 | 2924 | Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 144. |

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| --- | --- |
| Flow Name: | Rejection of Registration Objection Removal |
| Flow Description: | MPAS notifies Old Supplier that his objection could not be removed from the Registration System in accordance with his request as it failed validation.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| MPAS | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0821 | Deemed Received Date |
| J0924 | Effective from Settlement Date {REGI} for New Supplier |
| J0330 | File Sequence Number |
| J1017 | Incoming Instruction Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0003 | MPAN Core |
| J0031 | Registration Transaction Number |
| J0107 | Rejection Reason Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 741 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| 145 | Objection Removal Rejections | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Incoming Instruction Number |
|  |  |  |  |  |  | O |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Deemed Received Date |
|  |  |  |  |  |  | O |  |  |  |  |  | Registration Transaction Number |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective from Settlement Date {REGI} for New Supplier |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 146 | Rejection Reasons | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Rejection Reason Code |

|  |  |
| --- | --- |
| Notes: | Each optional data item in the above flow is intended to contain data whenever possible - ie. whenever data could be sensibly extracted from the corresponding item in the original incoming instruction. The Incoming Instruction Number item always allows the rejected instructions to be positively identified within the original incoming file. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1335 | 'Deemed Received Date' made mandatory as it is a system generated data item. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 1581 | Incoming Instruction Number (J1017) added to identify the actual instruction rejected within the incoming flow. |
| Version 3.1 | 1981 | Notes added for clarity and consistency. |
| Version 3.102 | 2123 | Notes altered for clarity. |
| Version 4.2 | 2924 | Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 145. |

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| --- | --- |
| Flow Name: | Customer Own Reading or Supplier Estimated Reading on Change of Supplier |
| Flow Description: | On change of Supplier the customer has provided their own reading or the Old Supplier has provided an estimate of the Change of Supplier read which the New Supplier passes to NHHDC.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | NHHDC | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0004 | Meter Id (Serial Number) |
| J0010 | Meter Register Id |
| J0003 | MPAN Core |
| J0016 | Reading Date & Time |
| J0171 | Reading Type |
| J0040 | Register Reading |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 147 | Change of Supplier Meter Reading Data | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Reading Date & Time |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Reading Type |

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| 148 | Meter Detail per MPAN Core | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 149 | Meter Register Detail per Meter | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Register Reading |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 8.3 | 3246 | Flow Name and Description changed to include Old Supplier estimated readings |

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| --- | --- |
| Flow Name: | Instruction to Obtain Change of Supplier Reading |
| Flow Description: | On change of Supplier, the NHHDC is requested to provide an actual or deemed reading.  Where the read is being used in place of a Routine Read or that used for a CoS or CoT, reading type “X” should be used. Where the reading is being used to change an SSC then reading types “F” and “I” should be used as per their current convention, and where sent by the Supplier would indicate a site visit has not been made. All other read types should be used as per current processing rules.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | NHHDC | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0174 | Appointment Date |
| J0292 | Earliest Appointment Time |
| J0049 | Effective from Settlement Date {REGI} |
| J0293 | Latest Appointment Time |
| J0003 | MPAN Core |
| J0171 | Reading Type |
| J0173 | Reason for Request |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 150 | MPANs & Effective Estimate Dates | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {REGI} |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Reading Type |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Reason for Request |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 28B | Appointments | 0-1 |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Appointment Date |
|  |  |  |  |  |  | O |  |  |  |  |  | Earliest Appointment Time |
|  |  |  |  |  |  | O |  |  |  |  |  | Latest Appointment Time |
|  |  |  |  |  |  | O |  |  |  |  |  | Additional Information |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 4.2 | 2915 | New Group 28B added as a child of Group 150 with Data Items 'Appointment Date', 'Earliest Appointment Time', 'Latest Appointment Time' and 'Additional Information'. |

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| --- | --- |
| Flow Name: | Half Hourly DUoS Report - Supplier |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 4 | 2620 | Flow deleted from catalogue. |

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| Flow Name: | Half Hourly DUoS Report - Distributor |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1197 | Group 160 range changed from 48 to 46,48 or 50. |
| Version 4 | 2621 | Flow deleted from catalogue. |

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| Flow Name: | Pool Funds Report |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1216 replaced by J0066 |
| Version 4 | 2816 | Flow occurrence from ISRA to Supplier removed and flow renamed from 'Supplier Purchase Reports'. |
| Version 4.1 | 2902 | Flow deleted from catalogue. |

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| --- | --- |
| Flow Name: | Supplier Purchase Report |
| Flow Description: | Suppliers deemed take (MWh) and purchases (£) by half hour, day and GSP Group with relevant variables per half hour.. |
| Flow Ownership: | BSC |

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| **From** | **To** | **Version** |
| SVAA | Supplier | 6.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0244 | BSC Trading Party Id |
| J0899 | Daily GSP Group Take |
| J0891 | Daily Supplier Deemed Take |
| J0243 | Daily Supplier Purchase Total |
| J1104 | GSP Group |
| J0066 | GSP Group Id |
| J0269 | GSP Group Name |
| J0249 | GSP Group Take |
| J0194 | Period Supplier Deemed Take |
| J0250 | Period Supplier Purchase Total |
| J0251 | Pool Selling Price |
| J1090 | Report Parameters |
| J1087 | Run Number |
| J1086 | Run Type Code |
| J0146 | Settlement Code |
| J0882 | Settlement Code Description |
| J0073 | Settlement Date |
| J0074 | Settlement Period Id |
| J0167 | Settlement Period Label |
| J0195 | SSR Run Date |
| J0196 | SSR Run Number |
| J0197 | SSR Run Type Id |
| J0084 | Supplier Id |
| J0248 | Supplier Name |
| J0252 | Transmission Loss Multiplier |
| J0253 | Transmission Losses Reconciliation Multiplier |
| J1089 | User Name |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| ZPD |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Number |
|  |  |  |  |  | N |  |  |  |  |  |  | GSP Group |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RDT |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | User Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Parameters |

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| HDR |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code Description |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Type Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | BSC Trading Party Id |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GSP |  | 0-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group Name |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| SPX |  | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Settlement Period Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Settlement Period Label |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Take |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Period Supplier Deemed Take |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Period Supplier Purchase Total |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Pool Selling Price |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Transmission Loss Multiplier |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Transmission Losses Reconciliation Multiplier |

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| TOT |  | 1 |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Daily GSP Group Take |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Daily Supplier Deemed Take |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Daily Supplier Purchase Total |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1215 replaced by J0066 |
| Version 4.2 | 2923 | Data Item 'GSP Group' made null in Group ZPD. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | Flow occurrence from SVAA to Supplier added |
| Version 8.4 | 3271 | Instance of IARA to Supplier removed |
| Version 8.5 | 3274 | Instance of ISRA to Supplier removed |

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| Flow Name: | Supplier - Supplier Purchase Report (Scottish Settlements) |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 4 | 2465 | Flow deleted from catalogue. |

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| --- | --- |
| Flow Name: | Supplier Half Hourly Demand Report |
| Flow Description: | Report for each Supplier containing details of all the half hourly demand for a Supplier by Consumption Component Class. This will include the profiled and actual demand.. |
| Flow Ownership: | BSC |

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| **From** | **To** | **Version** |
| SVAA | Supplier | 6.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0161 | AA/EAC Indicator |
| J0020 | Actual/Estimated Indicator |
| J1200 | Aggregated Supplier Consumption Report Value |
| J1201 | Aggregated Supplier Line Loss Report Value |
| J0160 | Consumption Component Class Id |
| J0162 | Consumption Component Indicator |
| J0193 | Corrected Supplier Consumption |
| J0256 | Corrected Supplier Line Loss |
| J0894 | Daily CCC Aggregated Supplier Consumption |
| J0895 | Daily CCC Aggregated Supplier Line Loss |
| J0896 | Daily CCC Corrected Supplier Consumption |
| J0897 | Daily CCC Corrected Supplier Line Loss |
| J0900 | Daily DA Aggregated Supplier Consumption |
| J0901 | Daily DA Aggregated Supplier Line Loss |
| J1120 | Daily DA HH MSID Count |
| J0163 | Data Aggregation Type |
| J0241 | Data Aggregator HH MSID Count |
| J0183 | Data Aggregator Id |
| J0271 | Data Aggregator Name |
| J1104 | GSP Group |
| J0165 | GSP Group Correction Scaling Factor |
| J0066 | GSP Group Id |
| J0269 | GSP Group Name |
| J0103 | Measurement Quantity Id |
| J0164 | Metered/Unmetered Indicator |
| J1090 | Report Parameters |
| J1087 | Run Number |
| J1086 | Run Type Code |
| J0146 | Settlement Code |
| J0882 | Settlement Code Description |
| J0073 | Settlement Date |
| J0074 | Settlement Period Id |
| J0167 | Settlement Period Label |
| J0195 | SSR Run Date |
| J0196 | SSR Run Number |
| J0197 | SSR Run Type Id |
| J0084 | Supplier Id |
| J0248 | Supplier Name |
| J1089 | User Name |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| ZPD |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Number |
|  |  |  |  |  | N |  |  |  |  |  |  | GSP Group |

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| RDT |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | User Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Parameters |

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| HDR |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code Description |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Type Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Name |

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| GSP |  | 0-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group Name |

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| CCC |  | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Consumption Component Class Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Correction Scaling Factor |
|  |  |  |  |  |  | O |  |  |  |  |  | AA/EAC Indicator |
|  |  |  |  |  |  | O |  |  |  |  |  | Actual/Estimated Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Data Aggregation Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Metered/Unmetered Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Consumption Component Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Measurement Quantity Id |

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| SPX |  | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Settlement Period Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Settlement Period Label |
|  |  |  |  |  |  |  | O |  |  |  |  | Aggregated Supplier Consumption Report Value |
|  |  |  |  |  |  |  | O |  |  |  |  | Aggregated Supplier Line Loss Report Value |
|  |  |  |  |  |  |  | O |  |  |  |  | Corrected Supplier Consumption |
|  |  |  |  |  |  |  | O |  |  |  |  | Corrected Supplier Line Loss |

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| TOT |  | 1 |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | O |  |  |  |  | Daily CCC Aggregated Supplier Consumption |
|  |  |  |  |  |  |  | O |  |  |  |  | Daily CCC Aggregated Supplier Line Loss |
|  |  |  |  |  |  |  | O |  |  |  |  | Daily CCC Corrected Supplier Consumption |
|  |  |  |  |  |  |  | O |  |  |  |  | Daily CCC Corrected Supplier Line Loss |

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| HD2 |  | 0-1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code Description |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Type Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Name |

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| GP2 |  | 0-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group Name |

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| DA2 |  | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Data Aggregator Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Data Aggregator Name |

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| CC2 |  | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | O |  |  |  |  | AA/EAC Indicator |
|  |  |  |  |  |  |  | O |  |  |  |  | Actual/Estimated Indicator |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Consumption Component Class Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Consumption Component Indicator |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Data Aggregation Type |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Measurement Quantity Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Metered/Unmetered Indicator |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SP2 |  | 0-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Settlement Period Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Settlement Period Label |
|  |  |  |  |  |  |  |  | O |  |  |  | Aggregated Supplier Consumption Report Value |
|  |  |  |  |  |  |  |  | O |  |  |  | Aggregated Supplier Line Loss Report Value |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Data Aggregator HH MSID Count |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| TO2 |  | 1 |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | O |  |  |  | Daily DA Aggregated Supplier Consumption |
|  |  |  |  |  |  |  |  | O |  |  |  | Daily DA Aggregated Supplier Line Loss |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Daily DA HH MSID Count |

|  |  |
| --- | --- |
| Notes: | Part 1 contains both the HH and profiled NHH demand data. Part 2 contains the HH demand data only. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1215 replaced by J0066. Data Item J1205 replaced by J0196 |
| Version 4.2 | 2923 | Data Items 'AA/EAC Indicator' and 'Actual/Estimated Indicator' made optional in Groups CCC and CC2. Data Items 'Aggregated Supplier Consumption Report Value', 'Aggregated Supplier Line Loss Report Value', 'Corrected Supplier Consumption' and 'Corrected Supplier Line Loss' made optional in Group SPX. Data Items 'Daily CCC Aggregated Supplier Consumption', 'Daily CCC Aggregated Supplier Line Loss', 'Daily CCC Corrected Supplier Consumption' and 'Daily CCC Corrected Supplier Line Loss' made optional in Group TOT. Data Items 'Aggregated Supplier Consumption Report Value' and 'Aggregated Supplier Line Loss Report Value' made optional in Group SP2. Data Items 'Daily DA Aggregated Supplier Consumption' and 'Daily DA Aggregated Supplier Line Loss' made optional in Group TO2 |
| Version 4.4 | 2973 | Notes changed and Range of Group HD2 changed from 1. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | Flow occurrence from SVAA to Supplier added |
| Version 8.4 | 3271 | Instance of IARA to Supplier removed |
| Version 8.5 | 3274 | Instance of ISRA to Supplier removed |

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| --- | --- |
| Flow Name: | Supplier - Supplier Purchase Matrix Report |
| Flow Description: | A report for each Supplier per GSP Group containing the details of the Supplier Purchase Matrix rows used in the calculation of a settlement run.. |
| Flow Ownership: | BSC |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| SVAA | Supplier | 6.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0259 | Data Aggregation Run Number |
| J0163 | Data Aggregation Type |
| J0183 | Data Aggregator Id |
| J0271 | Data Aggregator Name |
| J0189 | Distributor Id |
| J1104 | GSP Group |
| J0066 | GSP Group Id |
| J0269 | GSP Group Name |
| J0147 | Line Loss Factor Class Id |
| J0071 | Profile Class Id |
| J1090 | Report Parameters |
| J1087 | Run Number |
| J1086 | Run Type Code |
| J0146 | Settlement Code |
| J0882 | Settlement Code Description |
| J0073 | Settlement Date |
| J0190 | SPM Default EAC MSID Count |
| J0191 | SPM Default Unmetered MSID Count |
| J0153 | SPM Total AA MSID Count |
| J1195 | SPM Total Annualised Advance Report Value |
| J0150 | SPM Total EAC MSID Count |
| J1196 | SPM Total EAC Report Value |
| J1198 | SPM Total Unmetered Consumption Report Value |
| J0152 | SPM Total Unmetered MSID Count |
| J0195 | SSR Run Date |
| J0196 | SSR Run Number |
| J0197 | SSR Run Type Id |
| J0076 | Standard Settlement Configuration Id |
| J0084 | Supplier Id |
| J0248 | Supplier Name |
| J0078 | Time Pattern Regime |
| J1089 | User Name |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| ZPD |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Type Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Run Number |
|  |  |  |  |  | N |  |  |  |  |  |  | GSP Group |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| RDT |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | User Name |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Report Parameters |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HDR |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Settlement Code Description |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | SSR Run Type Id |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SUP |  | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Name |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GSP |  | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Name |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| DA |  | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Data Aggregator Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Data Aggregator Name |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Data Aggregation Type |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Data Aggregation Run Number |

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| CON |  | 0-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Profile Class Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Line Loss Factor Class Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Distributor Id |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Time Pattern Regime |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total EAC Report Value |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total EAC MSID Count |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total Annualised Advance Report Value |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total AA MSID Count |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total Unmetered Consumption Report Value |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Total Unmetered MSID Count |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Default EAC MSID Count |
|  |  |  |  |  |  |  |  | 1 |  |  |  | SPM Default Unmetered MSID Count |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1215 replaced by J0066. Data Item J1205 replaced by J0196 |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 6 | 3077 | Flow occurrence from SVAA to Supplier added |
| Version 8.4 | 3271 | Instance of IARA to Supplier removed |
| Version 8.5 | 3274 | Instance of ISRA to Supplier removed |

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| --- | --- |
| Flow Name: | TUoS Report |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2107 | Data Item J1215 replaced by J0066. Data Item J1205 replaced by J0196 |
| Version 3.101 | 2119 | Data Item order changed. |
| Version 4 | 2757 | Flow occurrence from IARA to Grid Control added. |
| Version 4.1 | 2868 | Group SUP made a child of GSP and Groups SPX and TOT made children of SUP. |
| Version 4.1 | 2883 | Flow occurrence from ISRA to Grid Control removed. |
| Version 5.1 | 3050 | Flow occurrence from ISRA to Grid Operator removed. Flow Ownership and Flow Description amended to show Flow is used in Scotland only. |
| Version 8.4 | 3271 | Flow deleted from catalogue |

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| Flow Name: | Notification of Change of Supplier Readings |
| Flow Description: | Transfer change of supplier readings that have passed validations, failed validations and that are deemed readings.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| NHHDC | Distributor | 11.1 |
| NHHDC | NHHDC | 11.1 |
| NHHDC | Supplier | 11.1 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0022 | BSC Validation Status |
| J0044 | MD Reset Date & Time |
| J0004 | Meter Id (Serial Number) |
| J0045 | Meter Reading Flag |
| J0332 | Meter Reading Reason Code |
| J0047 | Meter Reading Status |
| J0010 | Meter Register Id |
| J0003 | MPAN Core |
| J1013 | Number of MD Resets |
| J0016 | Reading Date & Time |
| J1888 | Reading Method |
| J0171 | Reading Type |
| J0040 | Register Reading |
| J0024 | Site Visit Check Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 196 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | BSC Validation Status |

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| 765 | Site Visit Information | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Site Visit Check Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Additional Information |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 197 | Meter/Reading Types | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Reading Type |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 766 | Site Visit Information | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Site Visit Check Code |
|  |  |  |  |  |  |  | O |  |  |  |  | Additional Information |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 198 | Register Readings | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Reading Date & Time |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Register Reading |
|  |  |  |  |  |  |  | O |  |  |  |  | MD Reset Date & Time |
|  |  |  |  |  |  |  | O |  |  |  |  | Number of MD Resets |
|  |  |  |  |  |  |  | O |  |  |  |  | Meter Reading Flag |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Reading Method |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 07A | Meter Reading Validation Result | 1 | Meter Reading Flag = FALSE |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Meter Reading Reason Code |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Meter Reading Status |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 199 | Site Visit Information | 0-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Site Visit Check Code |
|  |  |  |  |  |  |  |  | O |  |  |  | Additional Information |

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| --- | --- |
| Notes: | The structure of this data flow must always match the structure of flow D0010.  Where confirming a reading received on a D0071, where "Reading Type" has been populated with the value 'O' (Old Supplier's Estimated CoS Reading), the NHHDC should populate the data item "Reading Type" with 'D' to signify that the reading has been Deemed or Estimated and is in line with meter reading history. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 375 | Flow Type Manual added. |
| Version 3.1 | 1474 | Instances of the flow from the HHDC to Distributor, New Supplier and Old Supplier removed as not required. |
| Version 3.1 | 1584 | New levels of Site Visit Check Code and Additional Information. |
| Version 3.1 | 1866 | Deemed Readings added to description as they are required in the process. |
| Version 4 | 2435 | Flow structure changed to match the structure of flow D0010, and notes added. |
| Version 4 | 2473 | Group 198 made optional as flow D0086 should match flow D0010. |
| Version 4 | 2475 | Group 198 made a child of group 197 as flow D0086 should match flow D0010. |
| Version 4 | 2549 | Description changed. |
| Version 4.4 | 2994 | Flow occurrence from NHHDC to NHHDC added. |
| Version 8.3 | 3246 | Flow note about completion of "Reading Type" added |
| Version 11.1 | 3421 | J1888 - "Reading Method" Data Item added to "Register Readings" group |

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| --- | --- |
| Flow Name: | Confirmation of Supplier Initiated Change to Metering Point Details |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 65 | Flow D0088 Has been deleted. D0172 is now used to provide confirmation and its use as a replacement for D0088 will ensure consistency. |

|  |  |
| --- | --- |
| Flow Name: | Notification from MPAS of Changed Metering Point Details |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Data Item Registration Transaction Number has been removed as not required. |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1335 | 'Deemed Received Date' made mandatory as it is a system generated data item. |
| Version 3.1 | 1461 | Appointment details deleted as requirement is now covered by new flows D0259 and D0260. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 1792 | Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.101 | 2108 | Notes added to clarify address format. |
| Version 7.2 | 3145 | Flow Notes changed in accordance with Standard Address Format. |
| Version 10.7 | 3362 | New Data Items added and Notes updated to support the extended 'Smart' MPAD. |
| Version 10.7 | 3379 | New Data Items added to Metering Point Change Details group |
| Version 11.6 | 3486 | Data Item J1840 nullified |
| Version 12.5 | 3550 | Flow Version 002 created and New Data Items and Group added |

|  |  |
| --- | --- |
| Flow Name: | Notification from MPAS of Changed Metering Point Details |
| Flow Description: | Advise Old or New Supplier of change to metering point details if any have become effective between an objection being raised or removed. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| MPAS | Supplier | 12.5 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J1833 | DCC Service Flag |
| J0821 | Deemed Received Date |
| J1834 | Effective from Date {DCCF} |
| J1836 | Effective from Date {IHDI} |
| J1838 | Effective from Date {SMSO} |
| J0306 | Effective from Settlement Date {MSGG} |
| J0658 | Effective from Settlement Date {MSLLFC} |
| J0924 | Effective from Settlement Date {REGI} for New Supplier |
| J0080 | Energisation Status |
| J0330 | File Sequence Number |
| J0066 | GSP Group Id |
| J1835 | In Home Display (IHD) Install Status |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0147 | Line Loss Factor Class Id |
| J0082 | Measurement Class Id |
| J0220 | Meter Timeswitch Code |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J1840 | Metering Point Unique Property Reference Number (UPRN) |
| J0003 | MPAN Core |
| J2243 | Primary MPAN |
| J0071 | Profile Class Id |
| J2245 | Related MPAN Indicator |
| J2244 | Secondary MPAN |
| J1837 | Smart Metering System Operator Id |
| J1839 | SMETS Version |
| J0076 | Standard Settlement Configuration Id |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 743 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 201 | Metering Point Change Data | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Deemed Received Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {REGI} for New Supplier |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  |  | N |  |  |  |  |  | Metering Point Unique Property Reference Number (UPRN) |
|  |  |  |  |  |  | O |  |  |  |  |  | Line Loss Factor Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective from Settlement Date {MSLLFC} |
|  |  |  |  |  |  | O |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective from Settlement Date {MSGG} |
|  |  |  |  |  |  | O |  |  |  |  |  | Energisation Status |
|  |  |  |  |  |  | O |  |  |  |  |  | Measurement Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Timeswitch Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Profile Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  | O |  |  |  |  |  | SMETS Version |
|  |  |  |  |  |  | O |  |  |  |  |  | DCC Service Flag |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective from Date {DCCF} |
|  |  |  |  |  |  | O |  |  |  |  |  | Smart Metering System Operator Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective from Date {SMSO} |
|  |  |  |  |  |  | O |  |  |  |  |  | In Home Display (IHD) Install Status |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective from Date {IHDI} |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Related MPAN Indicator |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23M | Related MPANs | 1-\* | If Related MPAN Indicator equals Y |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Primary MPAN |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Secondary MPAN |

|  |  |
| --- | --- |
| Notes: | Each optional data item becomes mandatory if there has been a change to that individual item.  Though each address line in this flow is optional, when an address is to be updated using this flow the entire address must be included in the flow. An update to an individual line within an address will require the entire address to be sent. The Metering Point Address Lines 1-9 and Metering Point Postcode will be in Standard Address Format (SAF). |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Data Item Registration Transaction Number has been removed as not required. |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1335 | 'Deemed Received Date' made mandatory as it is a system generated data item. |
| Version 3.1 | 1461 | Appointment details deleted as requirement is now covered by new flows D0259 and D0260. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 1792 | Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.101 | 2108 | Notes added to clarify address format. |
| Version 7.2 | 3145 | Flow Notes changed in accordance with Standard Address Format. |
| Version 10.7 | 3362 | New Data Items added and Notes updated to support the extended 'Smart' MPAD. |
| Version 10.7 | 3379 | New Data Items added to Metering Point Change Details group |
| Version 11.6 | 3486 | Data Item J1840 nullified |
| Version 12.5 | 3550 | Flow Version 002 created and New Data Items and Group added |

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| --- | --- |
| Flow Name: | Confirmation of the Removal of a Registration Objection |
| Flow Description: | Notify Old Supplier that his objection has been removed from the Registration System in accordance with his request.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| MPAS | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0821 | Deemed Received Date |
| J0924 | Effective from Settlement Date {REGI} for New Supplier |
| J0330 | File Sequence Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0003 | MPAN Core |
| J0031 | Registration Transaction Number |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 744 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 205 | Objection Removal Confirmation | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Deemed Received Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Registration Transaction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {REGI} for New Supplier |

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| --- | --- |
| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 1981 | Notes removed to maintain clarity and consistency. |
| Version 4.2 | 2924 | Data Item 'Effective from Settlement Date {REGI}' replaced by Data Item 'Effective from Settlement Date {REGI} for New Supplier' in Group 205. |

|  |  |
| --- | --- |
| Flow Name: | Notification of Removal of a Registration Objection |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 7.2 | 3145 | Flow Notes changed in accordance with Standard Address Format. |
| Version 10.7 | 3362 | New Data Items added and Notes updated to support the extended 'Smart' MPAD. |
| Version 11.6 | 3486 | Data Item J1840 nullified |
| Version 12.5 | 3550 | Flow Version 002 created and New Data Items and Group added |

|  |  |
| --- | --- |
| Flow Name: | Notification of Removal of a Registration Objection |
| Flow Description: | MPAS notifies New Supplier that the Old Supplier has removed his objection and the change of Supplier can go ahead quoting the re-instated MPAN details.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| MPAS | Supplier | 12.5 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0163 | Data Aggregation Type |
| J0183 | Data Aggregator Id |
| J0205 | Data Collector Id |
| J0218 | Data Collector Type |
| J1833 | DCC Service Flag |
| J0821 | Deemed Received Date |
| J1834 | Effective from Date {DCCF} |
| J1836 | Effective from Date {IHDI} |
| J1838 | Effective from Date {SMSO} |
| J0049 | Effective from Settlement Date {REGI} |
| J0080 | Energisation Status |
| J0330 | File Sequence Number |
| J0066 | GSP Group Id |
| J1835 | In Home Display (IHD) Install Status |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0147 | Line Loss Factor Class Id |
| J0082 | Measurement Class Id |
| J0178 | Meter Operator Id |
| J0675 | Meter Operator Type |
| J0220 | Meter Timeswitch Code |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J1840 | Metering Point Unique Property Reference Number (UPRN) |
| J0003 | MPAN Core |
| J2243 | Primary MPAN |
| J0071 | Profile Class Id |
| J0031 | Registration Transaction Number |
| J2245 | Related MPAN Indicator |
| J2244 | Secondary MPAN |
| J1837 | Smart Metering System Operator Id |
| J1839 | SMETS Version |
| J0076 | Standard Settlement Configuration Id |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 745 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 206 | Objection Removal Notification | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Deemed Received Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {REGI} |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Registration Transaction Number |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  |  | N |  |  |  |  |  | Metering Point Unique Property Reference Number (UPRN) |
|  |  |  |  |  |  | O |  |  |  |  |  | Line Loss Factor Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Energisation Status |
|  |  |  |  |  |  | O |  |  |  |  |  | Measurement Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Timeswitch Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Profile Class Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Aggregator Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Aggregation Type |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Collector Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Data Collector Type |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Operator Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Operator Type |
|  |  |  |  |  |  | O |  |  |  |  |  | SMETS Version |
|  |  |  |  |  |  | O |  |  |  |  |  | Smart Metering System Operator Id |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective from Date {SMSO} |
|  |  |  |  |  |  | O |  |  |  |  |  | In Home Display (IHD) Install Status |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective from Date {IHDI} |
|  |  |  |  |  |  | O |  |  |  |  |  | DCC Service Flag |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective from Date {DCCF} |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Related MPAN Indicator |

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| 46M | Related MPANs | 1-\* | If Related MPAN Indicator equals Y |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Primary MPAN |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Secondary MPAN |

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| Notes: | Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The Metering Point Address Lines 1-9 and Metering Point Postcode will be in Standard Address Format (SAF). Metering Point Postcode should only be omitted if the Post Office have not allocated one. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 7.2 | 3145 | Flow Notes changed in accordance with Standard Address Format. |
| Version 10.7 | 3362 | New Data Items added and Notes updated to support the extended 'Smart' MPAD. |
| Version 11.6 | 3486 | Data Item J1840 nullified |
| Version 12.5 | 3550 | Flow Version 002 created and New Data Items and Group added |

|  |  |
| --- | --- |
| Flow Name: | Advice to an Old Supplier of a Change of Supply Registration Deletion |
| Flow Description: | MPAS notifies Old Supplier that the objection resolution period has expired (without the objection being removed) and the CoS registration with the New Supplier has been deleted (i.e. customer stays with Old Supplier).. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| MPAS | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0925 | Effective from Settlement Date {REGI} for Old Supplier |
| J0330 | File Sequence Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0003 | MPAN Core |
| J0031 | Registration Transaction Number |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 746 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 207 | List of Objections | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Registration Transaction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {REGI} for Old Supplier |

|  |  |
| --- | --- |
| Notes: | The Registration Transaction Number included in this flow will be either that of the Old Supplier (from the original registration) or that of the New Supplier (from the failed attempt at registration). |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 5 | 2998 | Notes added. |

|  |  |
| --- | --- |
| Flow Name: | Advice to a New Supplier of a Change of Supply Registration Deletion |
| Flow Description: | MPAS notifies New Supplier that the objection resolution period has expired (without the objection being removed) and his CoS registration has been deleted (i.e. customer stays with Old Supplier).. |
| Flow Ownership: | MRA |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| MPAS | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0924 | Effective from Settlement Date {REGI} for New Supplier |
| J0330 | File Sequence Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0003 | MPAN Core |
| J0031 | Registration Transaction Number |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 747 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 208 | List of Objections | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Registration Transaction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {REGI} for New Supplier |

|  |  |
| --- | --- |
| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |

|  |  |
| --- | --- |
| Flow Name: | Daily Profile Total Extract |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |

|  |  |
| --- | --- |
| Flow Name: | Non Half Hourly Data Aggregation Exception Report |
| Flow Description: | Details of exceptions raised by the NHHDA pertaining to one Supplier.. |
| Flow Ownership: | BSC |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| NHHDA | Supplier | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J1153 | AA Effective from Settlement Date |
| J1311 | Count of Metering Systems with at least 1 exception |
| J1135 | Count of Metering Systems with at least 1 exception of type 01 |
| J1137 | Count of Metering Systems with at least 1 exception of type 02 |
| J1138 | Count of Metering Systems with at least 1 exception of type 03 |
| J1139 | Count of Metering Systems with at least 1 exception of type 04 |
| J1140 | Count of Metering Systems with at least 1 exception of type 05 |
| J1141 | Count of Metering Systems with at least 1 exception of type 06 |
| J1142 | Count of Metering Systems with at least 1 exception of type 07 |
| J1143 | Count of Metering Systems with at least 1 exception of type 08 |
| J1144 | Count of Metering Systems with at least 1 exception of type 09 |
| J1145 | Count of Metering Systems with at least 1 exception of type 10 |
| J1146 | Count of Metering Systems with at least 1 exception of type 11 |
| J1147 | Count of Metering Systems with at least 1 exception of type 12 |
| J1148 | Count of Metering Systems with at least 1 exception of type 13 |
| J1149 | Count of Metering Systems with at least 1 exception of type 14 |
| J1151 | Data Aggregator Appointment Effective from Settlement Date |
| J0205 | Data Collector Id |
| J1154 | EAC Effective from Settlement Date |
| J1157 | Effective from Settlement Date for AA from other Data Collector |
| J1155 | Effective from Settlement Date for AA from specified Data Collector |
| J1219 | Effective from Settlement Date of last Data Collector data |
| J1159 | Effective from Settlement Date of last DC data |
| J1167 | Effective from Settlement Date of last MPAS data |
| J1169 | Energisation Status (DC) |
| J1168 | Energisation Status (MPAS) |
| J1152 | First Settlement Date with no data |
| J1133 | From Settlement Date |
| J1163 | GSP Group Id (DC) |
| J1162 | GSP Group Id (MPAS) |
| J1161 | Measurement Class Id (DC) |
| J1160 | Measurement Class Id (MPAS) |
| J0083 | Metering System Id |
| J0111 | MPAS Agent Id |
| J1156 | Other Data Collector Id |
| J1166 | Profile Class Id (DC) |
| J1164 | Profile Class Id (MPAS) |
| J1150 | Registration Effective from Settlement Date |
| J1171 | SSC Id (DC) |
| J1170 | SSC Id (MPAS) |
| J0084 | Supplier Id |
| J1158 | Supplier Id (DC) |
| J1172 | Supplier Id (MPAS) |
| J1134 | To Settlement Date |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EXH | Exception Header | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Data Collector Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | From Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | To Settlement Date |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 01 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 02 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 03 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 04 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 05 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 06 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 07 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 08 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 09 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 10 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 11 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 12 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 13 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception of type 14 |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Count of Metering Systems with at least 1 exception |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EXP | MPAS Agent Identifier | 0-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAS Agent Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| EXM | Metering System Identifier | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Metering System Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| E01 | Exception Details (no EAC or AA for appointed DC) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Registration Effective from Settlement Date |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Data Aggregator Appointment Effective from Settlement Date |

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| E02 | Exception Details (missing subsequent consumption data) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Registration Effective from Settlement Date |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Data Aggregator Appointment Effective from Settlement Date |
|  |  |  |  |  |  |  | 1 |  |  |  |  | First Settlement Date with no data |

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| E03 | Exception Details (AA with no DAA appointment) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | AA Effective from Settlement Date |

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| E04 | Exception Details (EAC with no DAA appointment) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | EAC Effective from Settlement Date |

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| E05 | Exception Details (non zero AA when de-energised) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | AA Effective from Settlement Date |

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| E06 | Exception Details (missing preceding consumption data) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | First Settlement Date with no data |

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| E07 | Exception Details (overlapping MAPs) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date for AA from specified Data Collector |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Other Data Collector Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date for AA from other Data Collector |

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| E08 | Exception Details (Supplier incorrect) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Supplier Id (DC) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last MPAS data |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last Data Collector data |

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| E09 | Exception Details (Measurement Class incorrect) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Measurement Class Id (MPAS) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Measurement Class Id (DC) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last MPAS data |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last DC data |

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| E10 | Exception Details (GSP Group incorrect) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | GSP Group Id (MPAS) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | GSP Group Id (DC) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last MPAS data |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last DC data |

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| E11 | Exception Details (Profile Class incorrect) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Profile Class Id (MPAS) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Profile Class Id (DC) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last MPAS data |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last DC data |

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| E12 | Exception Details (Energisation Status incorrect) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Energisation Status (MPAS) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Energisation Status (DC) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last MPAS data |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last DC data |

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| E13 | Exception Details (Standard Settlement Configuration incorrect) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | SSC Id (MPAS) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | SSC Id (DC) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last MPAS data |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last DC data |

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| E14 | Exception Details (no Registration) | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Supplier Id (MPAS) |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last MPAS data |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date of last DC data |

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| Notes: | NHHDA URS states that this flow may contain multiple MPAS Agents, however Logica I/O structure constrains this to 1 flow per MPAS Agent. No such constraint is assumed here. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1992 | Pool ownership established. Definition based on agreed Pool baseline documentation. |
| Version 3.101 | 2106 | First instance of Data Item J1159 replaced with J1219. All other instances remain unchanged. |
| Version 3.101 | 2119 | Data Item order changed. |
| Version 4 | 2810 | Date Item 'Count of Metering Systems with at least 1 exception' added to group EXH. |
| Version 4.1 | 2897 | Range of group EXP changed from '1-\*'. |
| Version 4.1 | 2916 | Flow occurrence from NHHDA to NHHDC removed. |
| Version 6 | 3074 | Flow ownership changed from 'Pool' to 'BSC' |
| Version 7 | 3111 | Replaced 'PRS Agent' with 'MPAS Agent' within Group Description for Group EXP and Notes. |

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| --- | --- |
| Flow Name: | Confirmation of Disconnection of Supply |
| Flow Description: | Confirmation is being given of disconnection of supply to a premises.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| Distributor | Supplier | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0014 | Date of Action |
| J0003 | MPAN Core |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 249 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Date of Action |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Additional Information |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |

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| Flow Name: | Asset Condition Report Response / Clearance |
| Flow Description: | The System Fault Information Centre is informing the Supplier and MOP of the outcome of an investigation into a report of a Category A report by telephone, or a Category B report by a D0135 flow. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| SFIC | MOP | 10.4 |
| SFIC | Supplier | 10.4 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J1823 | Asset Condition Clearance Code |
| J1822 | Asset Condition Clearance Date |
| J1824 | Asset Condition Code |
| J1825 | Asset Condition Report Date |
| J0003 | MPAN Core |
| J0008 | Nature of Maintenance |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 250 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Nature of Maintenance |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 61H | Asset Condition Response | 1 | If in response to a D0135 flow (Category A and B Only) |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Asset Condition Report Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Asset Condition Code |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Asset Condition Clearance Code |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Asset Condition Clearance Date |

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| Notes: | This flow shall be sent for all Urgent Actions reported, i.e. Category A and B issues.  The Distribution Business will send the D0126 to the Supplier and Meter Operator registered within MPAS on the day the flow is sent. This may not be the Supplier or Meter Operator reporting the issue.  Where “Asset Condition Clearance Code” (J1823) is populated with ‘D’ (Disputed – no defect identified that prevents meter installation), ‘R’ (Resolved – defect cleared but Asset Condition Category less serious than reported) or ‘U’ (Unable to Resolve), the Distribution Business must provide an explaination of why the code has been used within “Additional Information” (J0012). |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 10.4 | 3336 | New Data Group added. Name of flow changed. Flow description amended. “Asset Condition Report Date”, “Asset Condition Code”, “ Asset Condition Clearance Code” and “Asset Condition Clearance Date” data items added. J0014 “Date of Action” data item deleted. New flow instance (SFIC to MOP) added. New flow notes added. |
| Version 11.2 | 3435 | Introduction of one new Asset Condition Clearance Code, update to the flow notes and update to the group 61H condition |
| Version 11.4 | 3446 | Update to Flow notes. |
| Version 11.5 | 3476 | Corrected the "Asset Condition Clearance Code" reference to J1823 |

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| Flow Name: | Provision of Customer and Site Details |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1263 | Current Rating deleted from flow as not required. Changed Meter Current Rating from O to 1. |
| Version 3.1 | 1637 | Generator/Dsitributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 1973 | Customer Name removed from flow. |
| Version 3.1 | 1977 | Flow deleted as data is transmitted via flows D0131, D0215 and D0142. |

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| --- | --- |
| Flow Name: | Metering Point Address Details |
| Flow Description: | The Supplier will inform agents of change to Metering Point Address details.. |
| Flow Ownership: | MRA |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | HHDC | 2.0 |
| Supplier | MOP | 3.0 |
| Supplier | NHHDC | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J1676 | Address Key |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J0003 | MPAN Core |
| J1675 | Unique Property Reference Number |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 253 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 71C | Metering Point Address | 1 |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  |  | N |  |  |  |  |  | Address Key |
|  |  |  |  |  |  | N |  |  |  |  |  | Unique Property Reference Number |

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| Notes: | An update to an individual line within an address will require the entire address to be sent. The Data Item Address Key is included in this flow for possible future facilitation of address maintenance. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1637 | Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1643 | Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements. |
| Version 3.1 | 1792 | Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 1942 | Additional Data Items added to provide information for Distribution Business. |
| Version 3.1 | 1966 | Data Item Customer Name added as a mandatory field. Additional optional data items included. Existing data items made optional. |
| Version 3.1 | 1967 | Flow title and description changed. |
| Version 3.101 | 2108 | Notes added to clarify address format. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) removed. |
| Version 4 | 2747 | All flow occurrences from Generator (Scotland) removed. |
| Version 5 | 2980 | Notes changed to define usage of Address Data Items. |
| Version 7.2 | 3095 | Flow renamed to Metering Point Address Details. Flow Description amended. Data items only relating to the Metering Point Address Details contained within the flow and Group 71C added. |
| Version 7.2 | 3117 | Supplier to Distributor instance removed. Flow description amended. |
| Version 7.2 | 3145 | Flow Notes changed. |
| Version 10.8 | 3386 | UPRN Data Item in Group 71C changed from “Null” to “Optional” |
| Version 11.6 | 3486 | Data Item J1840 nullified |

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| Flow Name: | Details of Disconnection of Supply |
| Flow Description: | Where the supply is no longer required a request is made for disconnection of the supply.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| Supplier | Distributor | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0174 | Appointment Date |
| J0489 | Contact Name |
| J0375 | Customer Name |
| J1844 | Customer Preferred Contact Details |
| J1845 | Customer Preferred Contact Method |
| J1648 | Disconnection Type |
| J0292 | Earliest Appointment Time |
| J0080 | Energisation Status |
| J0293 | Latest Appointment Time |
| J1046 | Mailing Address Line 1 |
| J1047 | Mailing Address Line 2 |
| J1048 | Mailing Address Line 3 |
| J1049 | Mailing Address Line 4 |
| J1050 | Mailing Address Line 5 |
| J1051 | Mailing Address Line 6 |
| J1052 | Mailing Address Line 7 |
| J1053 | Mailing Address Line 8 |
| J1054 | Mailing Address Line 9 |
| J0566 | Mailing Address Postcode |
| J0419 | Meter Location |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0003 | MPAN Core |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 254 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Disconnection Type |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Appointment Date |
|  |  |  |  |  | O |  |  |  |  |  |  | Earliest Appointment Time |
|  |  |  |  |  | O |  |  |  |  |  |  | Latest Appointment Time |
|  |  |  |  |  | O |  |  |  |  |  |  | Energisation Status |
|  |  |  |  |  | O |  |  |  |  |  |  | Contact Name |
|  |  |  |  |  | O |  |  |  |  |  |  | Meter Location |
|  |  |  |  |  | O |  |  |  |  |  |  | Customer Name |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Postcode |

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| 00I | Additional Request Information | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Customer Preferred Contact Method |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Customer Preferred Contact Details |

|  |  |
| --- | --- |
| Notes: | Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 1943 | Customer Name and Mailing Address added in L2 as optional. |
| Version 5.2 | 3040 | Data Items 'Disconnection Type' and 'Additional Information' added to Group 254. |
| Version 7.2 | 3145 | Flow Notes changed. |
| Version 11 | 3382 | ‘Customer Preferred Contact Method’ and ‘Customer Preferred Contact Details’ Data Items added under new 'Additional request Information' Group in L3 as Mandatory. ‘Energistation Status’ and ‘Meter Location’ Data Items made Optional. 'Mailing Address Postcode' Data Item added to L2 as Optional. |

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| Flow Name: | Request to Change Energisation Status |
| Flow Description: | A request for the energisation status of a metering point to be changed.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | Distributor | 2.0 |
| Supplier | MOP | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0174 | Appointment Date |
| J0489 | Contact Name |
| J0375 | Customer Name |
| J0292 | Earliest Appointment Time |
| J0080 | Energisation Status |
| J0293 | Latest Appointment Time |
| J1046 | Mailing Address Line 1 |
| J1047 | Mailing Address Line 2 |
| J1048 | Mailing Address Line 3 |
| J1049 | Mailing Address Line 4 |
| J1050 | Mailing Address Line 5 |
| J1051 | Mailing Address Line 6 |
| J1052 | Mailing Address Line 7 |
| J1053 | Mailing Address Line 8 |
| J1054 | Mailing Address Line 9 |
| J1011 | Maximum Power Requirement |
| J0004 | Meter Id (Serial Number) |
| J0419 | Meter Location |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J0003 | MPAN Core |
| J0673 | Requested Energisation Status |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 255 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Energisation Status |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Requested Energisation Status |
|  |  |  |  |  | O |  |  |  |  |  |  | Appointment Date |
|  |  |  |  |  | O |  |  |  |  |  |  | Earliest Appointment Time |
|  |  |  |  |  | O |  |  |  |  |  |  | Latest Appointment Time |

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| 256 | Meter Detail per MPAN Core | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Location |
|  |  |  |  |  |  | O |  |  |  |  |  | Customer Name |
|  |  |  |  |  |  | O |  |  |  |  |  | Mailing Address Line 1 |
|  |  |  |  |  |  | O |  |  |  |  |  | Mailing Address Line 2 |
|  |  |  |  |  |  | O |  |  |  |  |  | Mailing Address Line 3 |
|  |  |  |  |  |  | O |  |  |  |  |  | Mailing Address Line 4 |
|  |  |  |  |  |  | O |  |  |  |  |  | Mailing Address Line 5 |
|  |  |  |  |  |  | O |  |  |  |  |  | Mailing Address Line 6 |
|  |  |  |  |  |  | O |  |  |  |  |  | Mailing Address Line 7 |
|  |  |  |  |  |  | O |  |  |  |  |  | Mailing Address Line 8 |
|  |  |  |  |  |  | O |  |  |  |  |  | Mailing Address Line 9 |
|  |  |  |  |  |  | O |  |  |  |  |  | Maximum Power Requirement |
|  |  |  |  |  |  | O |  |  |  |  |  | Contact Name |

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| Notes: | Half hour Data Collectors are not involved in the change of energisation process. This flow is not for use with prepayment meters.  Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1369 | Meter Location moved from MPAN Core level to Meter Detail level. |
| Version 3.1 | 1637 | Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1729 | Flow Supplier to NHHDC removed as not required. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 1941 | Data Items added to provide information for Distribution Business. |
| Version 3.1 | 1972 | Note amended to reflect correct use of flow. |
| Version 3.102 | 2276 | Distributor to MOP and MOP to Distributor flow occurrences removed as not required. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) removed. |
| Version 4 | 2747 | Flow occurrence from Generator (Scotland) removed. |
| Version 7.2 | 3145 | Flow Notes changed. |

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| Flow Name: | Asset Condition Report |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 1940 | Data Item added to provide information for Distribution Business. |
| Version 3.1 | 1973 | Customer Name removed from flow. |
| Version 5 | 3022 | Flow occurrence from NHHDR to NHHDC added. |
| Version 7.2 | 3145 | Flow Notes changed. |
| Version 10.4 | 3336 | Flow name changed. New Asset Condition Group and new Asset Condition Items added. |
| Version 11.4 | 3457 | Data Flow replaced by Data Flow D0135 Version 2 |
| Version 11.4 | 3457 | J2062 Data Item added and J0004 made an optional Data Item |

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| Flow Name: | Asset Condition Report |
| Flow Description: | A report to the System Fault Information Centre of a concern with the Service Termination Equipment which does not require emergency attention. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| HHDC | SFIC | 11.4 |
| MOP | SFIC | 11.4 |
| NHHDC | SFIC | 11.4 |
| NHHDR | NHHDC | 11.4 |
| Supplier | SFIC | 11.4 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J1824 | Asset Condition Code |
| J1825 | Asset Condition Report Date |
| J0489 | Contact Name |
| J0490 | Contact Telephone Number |
| J0004 | Meter Id (Serial Number) |
| J0419 | Meter Location |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J0003 | MPAN Core |
| J2062 | Smart Meter Installation Visit |
| J0084 | Supplier Id |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 257 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  | O |  |  |  |  |  |  | Contact Name |
|  |  |  |  |  | O |  |  |  |  |  |  | Contact Telephone Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 258 | Meters per MPAN Core | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Location |
|  |  |  |  |  |  | O |  |  |  |  |  | Additional Information |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 60H | Asset Condition | 1 | If sender Meter Operator |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Smart Meter Installation Visit |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Asset Condition Report Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Asset Condition Code |

|  |  |
| --- | --- |
| Notes: | Assumed that urgent safety issues, ie immediate danger, would be subject to individual telephone call direct to SFIC. Nature of defect to be shown in additional data field.  Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items.  This flow is only used to report Category B and C asset condition reports to the SFIC. Category A reports will be made by telephone. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 1940 | Data Item added to provide information for Distribution Business. |
| Version 3.1 | 1973 | Customer Name removed from flow. |
| Version 5 | 3022 | Flow occurrence from NHHDR to NHHDC added. |
| Version 7.2 | 3145 | Flow Notes changed. |
| Version 10.4 | 3336 | Flow name changed. New Asset Condition Group and new Asset Condition Items added. |
| Version 11.4 | 3457 | Data Flow replaced by Data Flow D0135 Version 2 |
| Version 11.4 | 3457 | J2062 Data Item added and J0004 made an optional Data Item |

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| Flow Name: | Report to Supplier of Possible Irregularity |
| Flow Description: | A report of the existence of a possible irregularity which may require further investigation by a Revenue Protection Service.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Distributor | Supplier | 3.0 |
| HHDC | Supplier | 3.0 |
| MOP | Supplier | 3.0 |
| NHHDC | Supplier | 3.0 |
| NHHDR | NHHDC | 5.0 |
| PPMIP | Supplier | 3.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0375 | Customer Name |
| J0004 | Meter Id (Serial Number) |
| J0419 | Meter Location |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J0003 | MPAN Core |
| J0451 | Tampering Code |
| J0822 | Tampering Report Date |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 259 | Suspect Metering Points | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  | O |  |  |  |  |  |  | Customer Name |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 260 | Suspect Meters | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Tampering Code |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Tampering Report Date |
|  |  |  |  |  |  | O |  |  |  |  |  | Meter Location |
|  |  |  |  |  |  | O |  |  |  |  |  | Additional Information |

|  |  |
| --- | --- |
| Notes: | Tampering Code is a general guide to the nature or symptoms of the suspected irregularity. Additional information should be provided wherever possible.  Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1645 | MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 4 | 2747 | All flow occurrences to Generator (Scotland) removed. |
| Version 5 | 3023 | Flow occurrence from NHHDR to NHHDC added. |
| Version 7.2 | 3145 | Flow Notes changed. |

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| --- | --- |
| Flow Name: | Confirmation or Rejection of Energisation Status Change |
| Flow Description: | This flow confirms that the Energisation Status of a metering point has been changed, or notifies that a change was not possible and gives the reason for failure.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| Distributor | MOP | 2.0 |
| Distributor | Supplier | 2.0 |
| MOP | Distributor | 2.0 |
| MOP | HHDC | 2.0 |
| MOP | NHHDC | 2.0 |
| MOP | Supplier | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0014 | Date of Action |
| J0080 | Energisation Status |
| J1253 | Failure to Energise or De-Energise Reason Code |
| J0004 | Meter Id (Serial Number) |
| J0010 | Meter Register Id |
| J0003 | MPAN Core |
| J0171 | Reading Type |
| J0040 | Register Reading |
| J0024 | Site Visit Check Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 261 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Energisation Status |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Date of Action |
|  |  |  |  |  | O |  |  |  |  |  |  | Failure to Energise or De-Energise Reason Code |
|  |  |  |  |  | O |  |  |  |  |  |  | Site Visit Check Code |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 262 | Meter Detail per MPAN Core | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 263 | Register Details per Meter | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Reading Type |
|  |  |  |  |  |  |  | O |  |  |  |  | Register Reading |

|  |  |
| --- | --- |
| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1637 | Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1643 | Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements. |
| Version 3.1 | 1645 | MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1971 | Notes amended to reflect correct use of flow. |
| Version 3.2 | 2289 | Data Item J0691 replaced with new Data Item J1253. |
| Version 3.2 | 2304 | Register Reading made optional. Group 263 optionality changed to 0-\*. |
| Version 4 | 2344 | Flow renamed. |
| Version 4 | 2461 | Flow description changed and range of group 262 changed to '0-\*'. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) and to Distributor (Scotland) removed. |
| Version 4 | 2747 | All flow occurrences from Generator (Scotland) and to Generator (Scotland) removed. |
| Version 4 | 2830 | Notes removed. |
| Version 4.1 | 2889 | Flow occurrences from Supplier to HHDC, from Supplier to MOP and from Supplier to NHHDC removed. |

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| --- | --- |
| Flow Name: | Proving Test Details |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.2 | 2302 | This flow was deleted as it was felt that D0005 and D0003 can cover its requirements. |

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| --- | --- |
| Flow Name: | Request for Installation or Change to a Metering System Functionality or the Removal of All Meters |
| Flow Description: | Request is being made and information provided to allow removal, replacement or installation of a meter.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | MOP | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0174 | Appointment Date |
| J0386 | Communications Method |
| J0292 | Earliest Appointment Time |
| J0293 | Latest Appointment Time |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J1267 | Metering System Non Settlement Functionality Code |
| J0003 | MPAN Core |
| J1020 | Remove Metering Point Meters |
| J0673 | Requested Energisation Status |
| J0098 | Retrieval Method |
| J0076 | Standard Settlement Configuration Id |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 267 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  | O |  |  |  |  |  |  | Appointment Date |
|  |  |  |  |  | O |  |  |  |  |  |  | Earliest Appointment Time |
|  |  |  |  |  | O |  |  |  |  |  |  | Latest Appointment Time |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Retrieval Method |
|  |  |  |  |  | O |  |  |  |  |  |  | Communications Method |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Requested Energisation Status |
|  |  |  |  |  | O |  |  |  |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |
|  |  |  |  |  | O |  |  |  |  |  |  | Remove Metering Point Meters |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering System Non Settlement Functionality Code |

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| --- | --- |
| Notes: | Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1637 | Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 1962 | Energisation Status replaced by Requested Energisation Status. |
| Version 3.1 | 1963 | Number of Phases deleted. Group G0268 deleted as the data is not required. |
| Version 3.1 | 1964 | New Data Item added 'Remove Meters'. |
| Version 3.1 | 1973 | Customer Name removed from flow. |
| Version 4 | 2569 | Data item 'Metering System Non Settlement Functionality Code' added to group 267. |
| Version 4 | 2630 | Flow renamed. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) removed. |
| Version 4 | 2702 | Flow occurrence from Distributor to Supplier removed. |
| Version 4 | 2730 | Data Item 'Communications Method' made optional. |
| Version 7.2 | 3145 | Flow Notes changed. |
| Version 8.4 | 3271 | Instance of Generator (Scotland) to MOP removed |

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| Flow Name: | Request for Change of Metering System Configuration |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1248 | External Note added. |
| Version 3.1 | 1637 | Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1965 | Flow deleted as not required. Flow D0142 covers the change in configuration. |

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| --- | --- |
| Flow Name: | Notification of Change to Other Parties |
| Flow Description: | Notification to a MOp or DC of any change to relevant Agent appointments and/or terminations for the metering point for the three functional processes: new connection, change of supplier and change of agent(s). |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | HHDC | 2.0 |
| Supplier | MOP | 2.0 |
| Supplier | NHHDC | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0459 | Agent Status |
| J0183 | Data Aggregator Id |
| J0205 | Data Collector Id |
| J0219 | Effective from Date {DCA} |
| J0210 | Effective from Date {MOA} |
| J0334 | Effective from Settlement Date {DAA} |
| J0049 | Effective from Settlement Date {REGI} |
| J0399 | Effective to Date {DCA} |
| J0360 | Effective to Date {MOA} |
| J0340 | Effective to Settlement Date {DAA} |
| J0178 | Meter Operator Id |
| J0003 | MPAN Core |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| 270 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {REGI} |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 271 | Data Collector Appointment or Termination Details | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Data Collector Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Agent Status |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 272 | Effective from Date | 0-1 |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Date {DCA} |

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| 273 | Effective to Date | 0-1 |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | O |  |  |  |  | Effective to Date {DCA} |

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| 274 | Meter Operator Appointment or Termination Details | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Operator Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Agent Status |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 275 | Effective from Date | 0-1 |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Date {MOA} |

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| 276 | Effective to Date | 0-1 |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | O |  |  |  |  | Effective to Date {MOA} |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 277 | Data Aggregator Appointment or Termination Details | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Data Aggregator Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Agent Status |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 278 | Effective from Date | 0-1 |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Effective from Settlement Date {DAA} |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 279 | Effective to Date | 0-1 |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | O |  |  |  |  | Effective to Settlement Date {DAA} |

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| --- | --- |
| Notes: | The content of this flow will depend on which Agents have changed, and which Agent is the recipient of the information. The D0148 should be used to update and supersede only that information which the agent needs to know and is currently unaware of.  For a definition of the content of the flow in the NHH and HH markets see the scenarios contained in Annex C. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 998 | Supplier to Distributor occurrence deleted. MPAS will be the source of this information for Distributors. |
| Version 3.1 | 1478 | The effective to dates made optional for these instances where the old agent appointment dates are not known on Change of Supplier. Add notes that these can be only missing if they are not known. |
| Version 3.1 | 1629 | New Supplier to MOP flow added as N/S needs to be able to tell existing MOP about a new DC if the DC changes at CoS. |
| Version 3.1 | 1637 | Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1643 | Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) removed. |
| Version 6.2 | 3082 | Flow Description changed. Flow notes changed. Conditions and Ranges changed in Flow Structure. |
| Version 8.4 | 3271 | Instances of Generator (Scotland) to HHDC and MOP removed |

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| --- | --- |
| Flow Name: | Notification of Mapping Details |
| Flow Description: | This flow notifies mapping of physical registers to time pattern regimes.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| MOP | Distributor | 3.1 |
| MOP | MOP | 5.0 |
| MOP | NHHDC | 2.0 |
| MOP | Supplier | 3.1 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J1254 | Effective from Settlement Date {MSMTD} |
| J1268 | Effective From Settlement Date {MSNSFC} |
| J0300 | Effective from Settlement Date {SCON} |
| J0004 | Meter Id (Serial Number) |
| J0010 | Meter Register Id |
| J1267 | Metering System Non Settlement Functionality Code |
| J0003 | MPAN Core |
| J0679 | Register Mapping Coefficient |
| J0076 | Standard Settlement Configuration Id |
| J0078 | Time Pattern Regime |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 280 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {MSMTD} |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 281 | NHH Mapping Details | 1 |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {SCON} |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 778 | Time Pattern Regimes | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Time Pattern Regime |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 283 | Meter Details | 1-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Meter Id (Serial Number) |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 284 | Meter Register | 1-\* |  |  |  |  |  | G |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Meter Register Id |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Register Mapping Coefficient |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 23A | Non Settlements Registers | 0-1 |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Metering System Non Settlement Functionality Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective From Settlement Date {MSNSFC} |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 24A | Time Pattern Regimes | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Time Pattern Regime |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 25A | Meter Details | 1-\* |  |  |  |  | G |  |  |  |  |  |
|  |  |  |  |  |  |  |  | 1 |  |  |  | Meter Id (Serial Number) |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 26A | Meter Register | 1-\* |  |  |  |  |  | G |  |  |  |  |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Meter Register Id |
|  |  |  |  |  |  |  |  |  | 1 |  |  | Register Mapping Coefficient |

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| --- | --- |
| Notes: | The Register Mapping Coefficient is required for mapping the difference between 2 or more physical registers' readings to a Settlement Register.  See Annex C for Flow Notes |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1183 | Suppliers need to know how the meters have been set up and the relationship between TPRs and Meter Registers. |
| Version 3.1 | 1610 | Effective from Settlement Date {SSC} amended to Effective from Settlement Date {SCON}. |
| Version 3.1 | 1612 | Flow not required by MOP from NHHDC. |
| Version 3.1 | 1974 | Groups G0282, G0285, G0286 and G0287 and other retrieval data items have been deleted from flow and moved to D0150 as they are all meter related. A separate group has been created for 'Time Pattern Regime Id' and placed above 'Meter Id'. 'Settlement Mapping Coefficient' has been moved to G0284. Flow name and description amended. |
| Version 3.1 | 2052 | MOP to Distributor added to flow. |
| Version 3.1 | 2055 | Version History amended. Group name altered. |
| Version 3.2 | 2305 | All flow occurrences from or to HHDC removed. |
| Version 4 | 2569 | Flow structure changed by duplicating groups 778, 283 and 284 under a new group containing 'Metering System Non Settlement Functionality Code'. |
| Version 4 | 2617 | Data item 'Date of Action' has been made 'null' and 'Effective From Settlement Date {MSNSFC}' added to group 280. |
| Version 4 | 2848 | Data Item 'Effective from Settlement Date {MSNSFC}' moved from group 280 to group 234. |
| Version 4.2 | 2917 | Data Item 'Date of Action' replaced by Data Item 'Effective from Settlement Date {MSMTD}' and made mandatory. |
| Version 5 | 2996 | Flow occurrence from MOP to MOP added. |
| Version 7 | 3093 | Condition Removed from Group 281 and Notes added to reference Annex C for Flow Notes. |

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| --- | --- |
| Flow Name: | Non Half-hourly Meter Technical Details |
| Flow Description: | Meter technical details for Non Half-hourly.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Distributor | MOP | 3.1 |
| MOP | Distributor | 2.0 |
| MOP | MOP | 2.0 |
| MOP | NHHDC | 2.0 |
| MOP | Supplier | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0476 | Associated Meter Id |
| J0477 | Associated Meter Register Id |
| J0462 | Certification Date |
| J0463 | Certification Expiry Date |
| J0382 | Channel Number |
| J0385 | Communications Address |
| J0386 | Communications Method |
| J0454 | CT Ratio |
| J0848 | Date of Meter Installation |
| J1269 | Date of Meter Removal |
| J1254 | Effective from Settlement Date {MSMTD} |
| J1268 | Effective From Settlement Date {MSNSFC} |
| J0300 | Effective from Settlement Date {SCON} |
| J0080 | Energisation Status |
| J0408 | Main/Check Indicator |
| J0480 | Maintenance Date |
| J0410 | Manufacturers Make & Type |
| J0082 | Measurement Class Id |
| J0103 | Measurement Quantity Id |
| J1677 | Meter Asset Provider Id |
| J0418 | Meter COP |
| J0461 | Meter COP Dispensation |
| J0501 | Meter Current Rating |
| J0004 | Meter Id (Serial Number) |
| J0419 | Meter Location |
| J0010 | Meter Register Id |
| J0475 | Meter Register Multiplier |
| J0474 | Meter Register Type |
| J0483 | Meter Type |
| J1267 | Metering System Non Settlement Functionality Code |
| J0003 | MPAN Core |
| J0008 | Nature of Maintenance |
| J0478 | Number of Register Digits |
| J0465 | Outstation COP |
| J0467 | Outstation COP Dispensation |
| J0468 | Outstation Encryption Key |
| J0469 | Outstation Number of Channels |
| J0470 | Outstation Password Level 1 |
| J0464 | Outstation PIN |
| J0471 | Outstation Type |
| J0432 | Pulse Multiplier |
| J0098 | Retrieval Method |
| J0722 | Retrieval Method Effective Date |
| J0076 | Standard Settlement Configuration Id |
| J0134 | Tele-Switch/Clock Indicator |
| J0716 | Timing Device Id (Serial Number) |
| J0455 | VT Ratio |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 288 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {MSMTD} |
|  |  |  |  |  | N |  |  |  |  |  |  | Measurement Class Id |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Energisation Status |

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| 289 | SSCs | 1 | If meter at metering point |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {SCON} |
|  |  |  |  |  |  | O |  |  |  |  |  | Metering System Non Settlement Functionality Code |
|  |  |  |  |  |  | O |  |  |  |  |  | Effective From Settlement Date {MSNSFC} |

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| 762 | Metering Point Maintenance History | 0-1 |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Maintenance Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Nature of Maintenance |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 290 | Meter/Retrieval Method Details | 1-\* | If meter at metering point |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | N |  |  |  |  |  | Meter COP |
|  |  |  |  |  |  | N |  |  |  |  |  | Meter COP Dispensation |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Current Rating |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Location |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Manufacturers Make & Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Asset Provider Id |
|  |  |  |  |  |  | N |  |  |  |  |  | Communications Address |
|  |  |  |  |  |  | N |  |  |  |  |  | Communications Method |
|  |  |  |  |  |  | N |  |  |  |  |  | Outstation PIN |
|  |  |  |  |  |  | N |  |  |  |  |  | Outstation COP |
|  |  |  |  |  |  | N |  |  |  |  |  | Outstation COP Dispensation |
|  |  |  |  |  |  | N |  |  |  |  |  | Outstation Encryption Key |
|  |  |  |  |  |  | N |  |  |  |  |  | Outstation Number of Channels |
|  |  |  |  |  |  | N |  |  |  |  |  | Outstation Password Level 1 |
|  |  |  |  |  |  | N |  |  |  |  |  | Outstation Type |
|  |  |  |  |  |  | O |  |  |  |  |  | VT Ratio |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Type |
|  |  |  |  |  |  | O |  |  |  |  |  | Date of Meter Installation |
|  |  |  |  |  |  | O |  |  |  |  |  | Certification Date |
|  |  |  |  |  |  | O |  |  |  |  |  | Certification Expiry Date |
|  |  |  |  |  |  | O |  |  |  |  |  | Timing Device Id (Serial Number) |
|  |  |  |  |  |  | N |  |  |  |  |  | Tele-Switch/Clock Indicator |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Retrieval Method |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Retrieval Method Effective Date |

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| 291 | CT Ratio | 1 | If NOT whole current meter |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | CT Ratio |

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| 293 | Meter Register Details | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Type |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Measurement Quantity Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Multiplier |
|  |  |  |  |  |  |  | N |  |  |  |  | Main/Check Indicator |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Number of Register Digits |
|  |  |  |  |  |  |  | N |  |  |  |  | Associated Meter Id |
|  |  |  |  |  |  |  | N |  |  |  |  | Associated Meter Register Id |

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| 295 | Meter Channels | 0-\* | If Half Hourly Meters |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | N |  |  |  |  | Channel Number |
|  |  |  |  |  |  |  | N |  |  |  |  | Measurement Quantity Id |
|  |  |  |  |  |  |  | N |  |  |  |  | Pulse Multiplier |

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| 296 | Metering System Maintenance History | 0-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Maintenance Date |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Nature of Maintenance |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 08A | Meters Removed | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Date of Meter Removal |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Asset Provider Id |

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| Notes: | See Annex C for Flow Notes |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1140 | New Group added 'Metering Point Maintenance History'. G0296 renamed as 'Metering System Maintenance History'. |
| Version 3.1 | 1172 | Removed all instances of this flow from the Old HHDC and Old NHHDC to the New HHDC and New NHHDC. This information is not passed in this manner. |
| Version 3.1 | 1263 | Data Item and Group 'Current Rating' removed and 'Meter Current Rating' added to Group G0290. |
| Version 3.1 | 1315 | Flow occurrences from the Supplier to the Distributor, HHDC, NHHDC and PRS Agent removed. Incorrectly added into prior version of the DTC. |
| Version 3.1 | 1457 | MOP to New Supplier added as a flow occurrence. |
| Version 3.1 | 1621 | Effective from Settlement Date {SSC} changed to Effective from Settlement Date {SCON}. |
| Version 3.1 | 1624 | Distributor to MOP flow added as Distributor may change a meter. |
| Version 3.1 | 1645 | MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1974 | G0290 renamed to meter/retrieval method details and retrieval data items moved from D0149. G0295 made for 'half hourly only'. |
| Version 3.1 | 1976 | Data Item 'Commissioning Required' added to flow at L3 (optional). |
| Version 3.1 | 1976 | Data Items J0443 Supply Voltage and J0427 Number of Phases removed as these are site and not meter details. Data Item J0078 and its group removed as it is settlement and not meter related. This is covered within flow D0149. |
| Version 3.1 | 1976 | Notes amended to clarify use of this flow and its data items. Flow Structure amended. |
| Version 3.1 | 2049 | Energisation Status added to flow. |
| Version 3.1 | 2056 | Flow corrected as per JPW A CR1974 |
| Version 3.2 | 2312 | All flow occurrences to HHDC removed. |
| Version 4 | 2201 | Data Item 'Connection Date' replaced by 'Date of Meter Installation' as optional, and 'Disconnection Date' replaced by 'Date of Meter Removal'. |
| Version 4 | 2569 | Data item 'Metering System Non Settlement Functionality Code' added to group 289. |
| Version 4 | 2599 | Various half-hourly related data items have been made 'null' in group 290. Conditions of groups 289 and 293 removed. Flow name changed to 'Non Half-hourly Meter Technical Details' and flow description changed. Group 289 description changed. |
| Version 4 | 2609 | Data items 'Effective from Settlement Date {MSMC}' and 'Measurement Class Id' have been made 'null' in group 288. |
| Version 4 | 2610 | Data item 'Tele Switch/Clock Indicator' has been made 'null' in group 290. |
| Version 4 | 2611 | Data item 'Main/Check Indicator' has been made 'null' in group 293. |
| Version 4 | 2614 | Data items 'Associated Meter Id' and 'Associated Meter Register Id' have been made 'null' in group 293. |
| Version 4 | 2616 | Data item 'Commissioning Required' removed from group 290. |
| Version 4 | 2617 | Add data item 'Effective from Settlement Date {MSNSFC}' to group 289 as per CR 2849. |
| Version 4 | 2619 | Group 08A added as a child of group 288 as per CR 2849. |
| Version 4 | 2697 | Flow occurrence from MOP to Distributor (Scotland) removed. |
| Version 4 | 2739 | Data Item 'Date of Meter Removal' removed from group 290 and group 290 range changed to 0-\*. |
| Version 4 | 2747 | Flow occurrence from MOP to Generator (Scotland) removed. |
| Version 4 | 2849 | Flow notes changed. |
| Version 4.2 | 2917 | Data Item 'Effective from Settlement Date {MSMC}' replaced by 'Effective from Settlement Date {MSMTD}' and made mandatory. |
| Version 6.2 | 3103 | Removed 'Does not apply to ERS' from Notes |
| Version 7 | 3083 | Condition 'If meter at metering point' added to Group 289 and 290. Range of Group 762 changed from 0\* to 0-1. Range of Group 290 changed from 0 to 1-\*. Data Items J0382, J0103 and J0432 made null in Group 295. |
| Version 7 | 3093 | Original Notes removed and Notes 'See Annex C for Flow Notes' added. |
| Version 7.3 | 3128 | Data Item 'Number of Channels' replaced by Data Item 'Meter Type' and made mandatory. |
| Version 7.4 | 3139 | Data Item 'Meter Asset Provider Id' added as a mandatory Data Item to Group 290 and 08A. Data Item 'Outstation Id' removed from the flow. |
| Version 8.7 | 3276 | Flow notes changed |

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| Flow Name: | Termination of Appointment or Contract by Supplier |
| Flow Description: | This is a notification that an existing appointment or contract is to be terminated by a Supplier, including the situation when there has been an upheld objection to Change of Supplier.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| Supplier | HHDA | 3.0 |
| Supplier | HHDC | 1.0 |
| Supplier | MOP | 1.0 |
| Supplier | NHHDA | 3.0 |
| Supplier | NHHDC | 1.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0049 | Effective from Settlement Date {REGI} |
| J0399 | Effective to Date {DCA} |
| J0360 | Effective to Date {MOA} |
| J0340 | Effective to Settlement Date {DAA} |
| J0003 | MPAN Core |
| J1194 | New Supplier Id |
| J0279 | Termination Reason |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 297 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {REGI} |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Termination Reason |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |

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| 298 | Effective to Date | 1 | If MOP termination |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective to Date {MOA} |

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| 99H | CoS Details | 1 | If Termination Reason = LC |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | New Supplier Id |

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| 299 | Effective toDate | 1 | If DC termination |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective to Date {DCA} |

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| 300 | Effective to Date | 1 | If DA termination |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective to Settlement Date {DAA} |

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| Notes: | If the Agent requires further information than that provided by the Termination Reason this should be detailed in the Additional Information field. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1637 | Distributor/Generator (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1643 | Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) removed. |
| Version 5.1 | 2997 | Data Item 'Termination Reason' made mandatory in Group 297. |
| Version 5.1 | 3033 | Notes added. |
| Version 8.4 | 3271 | Instances of Generator (Scotland) to HHDC and MOP removed |
| Version 10.9 | 3395 | "CoS Details" group containing "New Supplier Id"added to flow |
| Version 12.4 | 3546 | Notes added to Annex C |

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| Flow Name: | Metering System EAC/AA Historical Data |
| Flow Description: | Historical details of the annualised advance and estimated actual consumption calculated by the data collector for a metering system.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| NHHDC | NHHDC | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0079 | Annualised Advance |
| J0090 | Effective from Settlement Date {EACDC} |
| J0087 | Effective from Settlement Date {MACDC} |
| J0297 | Effective from Settlement Date {MSES} |
| J0093 | Effective from Settlement Date {MSGGDC} |
| J0094 | Effective from Settlement Date {MSMCDC} |
| J0092 | Effective from Settlement Date {MSPCDC} |
| J0049 | Effective from Settlement Date {REGI} |
| J0091 | Effective from Settlement Date {SCDC} |
| J0088 | Effective to Settlement Date {MACDC} |
| J0080 | Energisation Status |
| J0081 | Estimated Annual Consumption |
| J0066 | GSP Group Id |
| J0082 | Measurement Class Id |
| J0003 | MPAN Core |
| J0071 | Profile Class Id |
| J0076 | Standard Settlement Configuration Id |
| J0084 | Supplier Id |
| J0078 | Time Pattern Regime |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 301 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |

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| 302 | Meter Advance Period Settlement Dates | 0-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {MACDC} |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective to Settlement Date {MACDC} |

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| 303 | Annualised Advances | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Time Pattern Regime |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Annualised Advance |

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| 304 | EAC Effective Date | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {EACDC} |

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| 305 | EACs | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Time Pattern Regime |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Estimated Annual Consumption |

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| 306 | SSC | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Standard Settlement Configuration Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {SCDC} |

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| 307 | Supplier and Effective Date | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Supplier Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {REGI} |

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| 308 | Profile Class | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Profile Class Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {MSPCDC} |

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| 309 | GSP Group | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | GSP Group Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {MSGGDC} |

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| 310 | Measurement Class | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Measurement Class Id |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {MSMCDC} |

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| 311 | Energisation Status | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Energisation Status |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Settlement Date {MSES} |

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| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
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| Version 5.1 | 3039 | Group 302 Range changed from mandatory to optional. |

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| Flow Name: | Notification of Data Aggregator Appointment and Terms |
| Flow Description: | This is a notification that a data aggregator (HH or NHH) is to be appointed to a metering system and of the contractual terms to be applied.. |
| Flow Ownership: | MRA |

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| **From** | **To** | **Version** |
| Supplier | HHDA | 2.0 |
| Supplier | NHHDA | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0048 | Contract Reference |
| J0334 | Effective from Settlement Date {DAA} |
| J0049 | Effective from Settlement Date {REGI} |
| J0003 | MPAN Core |
| J0275 | Service Level Reference |
| J0274 | Service Reference |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 312 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {DAA} |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {REGI} |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Contract Reference |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 313 | Agreed Service Details | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Service Reference |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Service Level Reference |

|  |  |
| --- | --- |
| Notes: | This flow supersedes D0027 in Version 1.  This flow includes Unmetered Supply Requirements. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1885 | Notes added re unmetered supply. |
| Version 12.4 | 3546 | Notes added to Annex C |

|  |  |
| --- | --- |
| Flow Name: | Notification of Request for Charging Purposes |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1645 | MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 1973 | Customer Name removed from flow. |
| Version 4 | 2624 | Deleted flow from catalogue. |

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| --- | --- |
| Flow Name: | Notification of Meter Operator or Data Collector Appointment and Terms |
| Flow Description: | This is a notification of a new or changed appointment to a metering system and of the contractual terms to be applied. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | HHDC | 2.0 |
| Supplier | MOP | 2.0 |
| Supplier | NHHDC | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0048 | Contract Reference |
| J0219 | Effective from Date {DCA} |
| J0210 | Effective from Date {MOA} |
| J0049 | Effective from Settlement Date {REGI} |
| J0066 | GSP Group Id |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J0003 | MPAN Core |
| J0277 | Regular Reading Cycle |
| J0696 | Required First Scheduled Read Date |
| J0098 | Retrieval Method |
| J0275 | Service Level Reference |
| J0274 | Service Reference |
| J2177 | Smart CoS Process Indicator |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 315 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {REGI} |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Contract Reference |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Retrieval Method |
|  |  |  |  |  | 1 |  |  |  |  |  |  | GSP Group Id |

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| 320 | Reading Cycle Details | 1 | If Data Collector flow |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Regular Reading Cycle |
|  |  |  |  |  |  | O |  |  |  |  |  | Required First Scheduled Read Date |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 316 | DC Effective Date | 1 | If Data Collector flow |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Date {DCA} |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 317 | MOP Effective Date | 1 | If Meter Operator flow |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Effective from Date {MOA} |

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| 318 | Agreed Service Details | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Service Reference |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Service Level Reference |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 22L | Smart CoS Process | 0-1 |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Smart CoS Process Indicator |

|  |  |
| --- | --- |
| Notes: | Required First Scheduled Read Date is an optional field to be used where there is a service level agreement between a Supplier and an Agent which allows the Supplier to specify the Scheduled Read Date.  This flow includes Unmetered Supply Requirements.  Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items. Postcode should only be omitted if the Post Office has not generated one for the premises.  The Supplier may use the Smart CoS Process Indicator to request that the NHHDC or NHH MOP should use the Change of Supplier process for smart meters (as introduced by BSC Modification P302). The Smart CoS Process group is optional to allow Suppliers to make alternative bi-lateral arrangements for requesting their agents to use the smart process. For the avoidance of doubt, unless other arrangements have been agreed between a Supplier and their agents, legacy processes will be followed if the Smart CoS Process group is not populated. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1370 | Meter Details removed from flow. |
| Version 3.1 | 1632 | Note added re Data Item Required First Scheduled Read Date which has been made optional. |
| Version 3.1 | 1632 | Retrieval Method, Regular Reading Cycle and Required First Scheduled Read Date moved to L2. Group G0320 moved to below G0315. |
| Version 3.1 | 1637 | Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1643 | Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 1885 | Notes added re unmetered supply. |
| Version 4 | 2459 | Notes changed. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) removed. |
| Version 5 | 2986 | Flow name and description changed. |
| Version 7.2 | 3145 | Flow Notes changed. |
| Version 7.7 | 3210 | Mandatory Data Item GSP Group Id added to Group 315 |
| Version 8.4 | 3271 | Instances of Generator (Scotland) to HHDC and MOP removed |
| Version 11.6 | 3471 | Addition of Smart CoS Process indicator |
| Version 12.4 | 3546 | Notes added to Annex C |

|  |  |
| --- | --- |
| Flow Name: | BSP Group Take |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1979 | Data Items included. Flow Structure altered. |
| Version 8.4 | 3271 | Flow deleted from catalogue |

|  |  |
| --- | --- |
| Flow Name: | Transmission Losses Report - Scotland |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1978 | Data Items added. Flow Structure amended. |
| Version 8.4 | 3271 | Flow deleted from catalogue |

|  |  |
| --- | --- |
| Flow Name: | Notification of Commissioning Details |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1392 | Flow Description amended to include 'reconnected or reconfigured'. |
| Version 3.1 | 1645 | MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.2 | 2313 | All flow occurrences to HHDC removed. |
| Version 4 | 2616 | Flow deleted from catalogue. |

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| --- | --- |
| Flow Name: | Notification of New or Changed Interruption of Supply |
| Flow Description: | Issue new/revised details of planned interruption(s) of supply or of previous/long term interruption(s) of supply caused by distribution network fault(s).. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| Distributor | HHDC | 3.0 |
| Distributor | Supplier | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0714 | Area Affected by Interruption |
| J0488 | End Date Time |
| J0686 | Estimated End Date Time |
| J0487 | Interruption of Supply Reason Code |
| J0486 | Interruption of Supply Reference |
| J0617 | Interruption of Supply Status Code |
| J0485 | Start Date Time |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 341 | Interruption of Supply Information | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Interruption of Supply Status Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Interruption of Supply Reference |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Start Date Time |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Interruption of Supply Reason Code |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 342 | End Date Time | 1 | If End Date Time known |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | End Date Time |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 343 | Estimated End Date Time | 1 | If End Date Time unknown |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Estimated End Date Time |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 344 | Area(s) Affected | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Area Affected by Interruption |

|  |  |
| --- | --- |
| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |

|  |  |
| --- | --- |
| Flow Name: | Distribution System Enquiry |
| Flow Description: | A Supplier sends an enquiry to the SFIC (System Fault Information Centre) of a specified Distributor requesting details or action regarding an outage, safety investigation or voltage complaint.. |
| Flow Ownership: | MRA |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | SFIC | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0028 | Date Action Required By |
| J0688 | Date of Enquiry by Customer |
| J0003 | MPAN Core |
| J0007 | Requested Action Code |
| J0705 | Supplier Reference |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 345 | Enquiry Details | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Reference |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Requested Action Code |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Date of Enquiry by Customer |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Date Action Required By |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Additional Information |

|  |  |
| --- | --- |
| Notes: | Only requested action codes 14(outage enquiry), 15(safety investigation) and 16(voltage complaint) are valid for this flow. The date specified for 'Date Action Required By' must not be more onerous than specified under relevant statutory obligations or agreements. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |

|  |  |
| --- | --- |
| Flow Name: | Response to Distribution System Enquiry |
| Flow Description: | Sent by the SFIC (System Fault Information Centre) of a Distributor in response to an enquiry.. |
| Flow Ownership: | MRA |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| SFIC | Supplier | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0014 | Date of Action |
| J0003 | MPAN Core |
| J0705 | Supplier Reference |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 346 | Enquiry Response Details | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Supplier Reference |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Date of Action |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Additional Information |

|  |  |
| --- | --- |
| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |

|  |  |
| --- | --- |
| Flow Name: | Request for Additional/New MPAN Core(s) |
| Flow Description: | A request for additional MPAN Core(s) or New MPAN Core(s).. |
| Flow Ownership: | MRA |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| MOP | Supplier | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J0516 | Number of MPAN(s) Requested |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 347 | Metering Point Address Details | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Number of MPAN(s) Requested |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |

|  |  |
| --- | --- |
| Notes: | Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1645 | MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 4 | 2580 | Flow description changed. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 4 | 2747 | Flow occurrence from MOP to Generator (Scotland) removed. |
| Version 7.2 | 3145 | Flow Notes changed. |
| Version 12.4 | 3540 | Remove Supplier to Distributor instance |

|  |  |
| --- | --- |
| Flow Name: | Allocation of New/Additional MPAN Core(s) |
| Flow Description: | The Distributor sends the requested number of MPAN Cores to the Supplier.. |
| Flow Ownership: | MRA |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | MOP | 3.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J0003 | MPAN Core |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 348 | Metering Point Address Details | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 349 | Additional/New MPAN Core(s) | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |

|  |  |
| --- | --- |
| Notes: | Metering Point Postcode should only be omitted if the Post Office have not allocated one.  Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The address will be in Standard Address Format (SAF). |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1637 | Distributor/Generator (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) removed. |
| Version 4 | 2747 | Flow occurrence from Generator (Scotland) to MOP removed. |
| Version 7.2 | 3145 | Flow Notes changed in accordance with Standard Address Format. |
| Version 12.5 | 3539 | Removed Distributor to Supplier instance |

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| --- | --- |
| Flow Name: | Request for Metering System Related Details |
| Flow Description: | On appointment or change of agent appointment, metering system related details are requested to be transferred. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| HHDC | HHDC | 2.0 |
| MOP | Distributor | 3.2 |
| MOP | MOP | 2.0 |
| NHHDC | MOP | 4.0 |
| NHHDC | NHHDC | 2.0 |
| NHHDC | Supplier | 2.0 |
| Supplier | HHDC | 2.0 |
| Supplier | MOP | 2.0 |
| Supplier | NHHDC | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0028 | Date Action Required By |
| J0003 | MPAN Core |
| J0927 | New Data Collector Id |
| J0926 | New Meter Operator Id |
| J0007 | Requested Action Code |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 350 | Request Details | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Date Action Required By |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Requested Action Code |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |
|  |  |  |  |  | O |  |  |  |  |  |  | New Meter Operator Id |
|  |  |  |  |  | O |  |  |  |  |  |  | New Data Collector Id |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 351 | MPAN Cores | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |

|  |  |
| --- | --- |
| Notes: | See Annex C for Flow Notes |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1457 | MOP to New Supplier flow occurrence added. |
| Version 3.1 | 1636 | MOP to Distributor flow removed. |
| Version 3.1 | 1637 | Generator/Distributor (Scotland) to HHDC included to cover the Scottish Market requirements. |
| Version 3.1 | 1643 | Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1645 | MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1649 | HHDC to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.2 | 2391 | Add Flow Occurrence from MOP to Distributor. |
| Version 4 | 2391 | Flow occurrence from NHHDC to MOP added. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) and to Distributor (Scotland) removed |
| Version 4 | 2747 | All flow occurrences to Generator (Scotland) removed |
| Version 4.1 | 2890 | Flow occurrences from NHHDC to HHDC, from HHDC to Supplier and from MOP to Supplier removed |
| Version 5 | 3005 | Flow occurrence from HHDC to NHHDC removed |
| Version 5.1 | 3048 | Notes added |
| Version 7 | 3104 | Effective from Settlement Date {DAA} removed from the Notes |
| Version 8.3 | 3266 | Notes added on completion of "Date Action Required By" when NHHDC sends to Supplier with "Requested Action Code" set to ‘22’ |
| Version 8.4 | 3271 | Instances of Generator (Scotland) to HHDC and MOP removed |
| Version 11.6 | 3474 | Notes amended. |

|  |  |
| --- | --- |
| Flow Name: | Notification of Distributor Changes to Metering Point Details |
| Flow Description: | MPAS passes the current Supplier and any Supplier having a pending registration information regarding changes to the metering point details made by the Distributor.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| MPAS | Supplier | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0821 | Deemed Received Date |
| J0473 | Disconnection Date |
| J0306 | Effective from Settlement Date {MSGG} |
| J0658 | Effective from Settlement Date {MSLLFC} |
| J0330 | File Sequence Number |
| J0066 | GSP Group Id |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0147 | Line Loss Factor Class Id |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J1840 | Metering Point Unique Property Reference Number (UPRN) |
| J0003 | MPAN Core |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 748 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

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| 352 | Metering Point Change Data | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | MPAN Core |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Deemed Received Date |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 353 | Disconnection Date | 1 | If change is a disconnection |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Disconnection Date |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 354 | Details of MP Changes | 1 | If change is not a disconnection |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | O |  |  |  |  | Line Loss Factor Class Id |
|  |  |  |  |  |  |  | O |  |  |  |  | Effective from Settlement Date {MSLLFC} |
|  |  |  |  |  |  |  | O |  |  |  |  | GSP Group Id |
|  |  |  |  |  |  |  | O |  |  |  |  | Effective from Settlement Date {MSGG} |
|  |  |  |  |  |  |  | O |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  |  |  | O |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  |  |  | O |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  |  |  | O |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  |  |  | O |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  |  |  | O |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  |  |  | O |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  |  |  | O |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  |  |  | O |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  |  |  | O |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  |  |  | N |  |  |  |  | Metering Point Unique Property Reference Number (UPRN) |

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| --- | --- |
| Notes: | Each optional data item becomes mandatory if there has been a change to that individual item.  Though each address line in this flow is optional, when an address is to be updated using this flow the entire address must be included in the flow. An update to an individual line within an address will require the entire address to be sent. The Metering Point Address Lines 1-9 and Metering Point Postcode will be in Standard Address Format (SAF). |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1138 | 'Date of Disconnection' has been replaced by 'Disconnection Date'. |
| Version 3.1 | 1417 | Data Item 'Effective from Settlement Date {REGI} for Existing Supplier' removed as it is not relevant to Distributor owned data. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 3.1 | 1553 | Sub-Groups removed per MPRS design specifications. |
| Version 3.1 | 1792 | Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 1981 | Notes amended to maintain clarity and consistency. |
| Version 3.101 | 2108 | Notes added to clarify address format. |
| Version 7.2 | 3145 | Flow Notes changed in accordance with Standard Address Format. |
| Version 10.7 | 3362 | Data Item 'Metering Point Unique Property Reference Number (UPRN)' added under Group 354 to support the extended 'Smart' MPAD. |
| Version 11.6 | 3486 | Data Item J1840 nullified |

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| --- | --- |
| Flow Name: | Confirmation of Changes |
| Flow Description: | Flows received, accepted and/or rejected by MPAS, providing a summary of activity and the result of processing.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| MPAS | DCC | 10.7 |
| MPAS | Supplier | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0821 | Deemed Received Date |
| J1064 | File Identifier |
| J0330 | File Sequence Number |
| J0109 | Instruction Number |
| J0723 | Instruction Type |
| J0523 | Instructions Accepted by MPAS |
| J0522 | Instructions Received by MPAS |
| J0524 | Instructions Rejected by MPAS |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 749 | File Sequence Number | 1 |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | File Sequence Number |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 357 | Summary of Activity and Result of Processing | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Number |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instruction Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Deemed Received Date |
|  |  |  |  |  |  | 1 |  |  |  |  |  | File Identifier |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instructions Received by MPAS |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instructions Accepted by MPAS |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Instructions Rejected by MPAS |

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| --- | --- |
| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 502 | Order of data items in flow structure changed to reflect registration system design specifications. |
| Version 3.1 | 1462 | As per Data Interface requirements, sequential file and instruction numbers included in this flow. |
| Version 4 | 2641 | Data Item 'Import File Identity' replaced by 'File Identifier' in group 357. |
| Version 10.7 | 3362 | New Instance added to support the extended 'Smart' MPAD. |

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| --- | --- |
| Flow Name: | Token Transaction Data |
| Flow Description: | Notification of token sales.. |
| Flow Ownership: | MRA |

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| --- | --- | --- |
| **From** | **To** | **Version** |
| PPMIP | Supplier | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0526 | Customer Payment Amount |
| J0527 | Customer Payment Date |
| J0528 | Customer Payment Time |
| J0534 | Method of Payment |
| J0003 | MPAN Core |
| J0525 | PAN Number |
| J0529 | Payment Location |
| J0532 | Polling Date |
| J0533 | Source of Transaction |
| J0530 | Terminal Transaction Number |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 358 | PANs Against Which Payments Made | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | PAN Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Customer Payment Amount |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Customer Payment Date |
|  |  |  |  |  | O |  |  |  |  |  |  | Customer Payment Time |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Payment Location |
|  |  |  |  |  | O |  |  |  |  |  |  | Terminal Transaction Number |
|  |  |  |  |  | O |  |  |  |  |  |  | Polling Date |
|  |  |  |  |  | O |  |  |  |  |  |  | Source of Transaction |
|  |  |  |  |  | O |  |  |  |  |  |  | Method of Payment |
|  |  |  |  |  | O |  |  |  |  |  |  | MPAN Core |

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| --- | --- |
| Notes: |  |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 4 | 2498 | Data Item 'Terminal Transaction Number' made optional. |
| Version 8.1 | 3231 | Data item 'MPAN Core' added as an optional field. |

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| --- | --- |
| Flow Name: | Issue Identity Card for Token Meter Customer |
| Flow Description: | Details are being provided to allow issue of a customer identity card.. |
| Flow Ownership: | MRA |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | PPMIP | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0375 | Customer Name |
| J1701 | Database Update Only |
| J0049 | Effective from Settlement Date {REGI} |
| J0536 | Embossed Area Data |
| J1046 | Mailing Address Line 1 |
| J1047 | Mailing Address Line 2 |
| J1048 | Mailing Address Line 3 |
| J1049 | Mailing Address Line 4 |
| J1050 | Mailing Address Line 5 |
| J1051 | Mailing Address Line 6 |
| J1052 | Mailing Address Line 7 |
| J1053 | Mailing Address Line 8 |
| J1054 | Mailing Address Line 9 |
| J0566 | Mailing Address Postcode |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J0003 | MPAN Core |
| J0525 | PAN Number |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 359 | Customer Details | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | PAN Number |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Customer Name |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Mailing Address Postcode |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Embossed Area Data |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Effective from Settlement Date {REGI} |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Database Update Only |

|  |  |
| --- | --- |
| Notes: | This flow may also be used as a PPMIP database update facility.  The usage of address in this flow is optional, however if an address is to be sent, all known lines must be sent.  Where flow is being sent for a CoS event, then EfSD{REGI} should be populated with the Supplier Start Date for that registration as confimed by MPAS.  Where flow is being sent for a CoT event, then EfSD{REGI} should be populated with the date that new tenant takes over that property as detailed within relevant Supplier system. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1792 | Address data items replaced to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 2050 | Flow occurrences from Supplier to MOP and PPMIP to MOP added as both required. |
| Version 3.101 | 2108 | Notes added to clarify address format. |
| Version 5.1 | 3037 | Flow occurrences from PPMIP to MOP and Supplier to MOP removed. |
| Version 8.1 | 3203 | MPAN Core added for misdirected payments issues. |
| Version 8.1 | 3231 | Data item 'Effective from Settlement Date (REGI)' added as a mandatory field. |
| Version 8.1 | 3242 | New data item and flow notes added for PPMIP to determine flow context. |
| Version 8.1 | 3244 | New notes added to flow. |

|  |  |
| --- | --- |
| Flow Name: | Token Meter Readings |
|  | **This Flow has been removed from the catalogue** |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1255 | Flow type changed from Electronic to Electronic/Manual. |
| Version 4 | 2833 | Flow deleted from catalogue. |

|  |  |
| --- | --- |
| Flow Name: | Request Tariff/Debt Change on Token Meter |
| Flow Description: | Request is being made and information provided to carry out a tariff change or change debt/debt recovery charges.. |
| Flow Ownership: | MRA |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| Supplier | MOP | 3.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0174 | Appointment Date |
| J0489 | Contact Name |
| J0547 | Debt Recovery Rate |
| J0292 | Earliest Appointment Time |
| J0549 | Emergency Credit Override |
| J0293 | Latest Appointment Time |
| J0004 | Meter Id (Serial Number) |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J0003 | MPAN Core |
| J0173 | Reason for Request |
| J0275 | Service Level Reference |
| J0274 | Service Reference |
| J0548 | Standing Charge Override |
| J0685 | Tariff Code |
| J0554 | Total Debt |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
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| 363 | Meter Detail per MPAN Core | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Contact Name |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Reason for Request |
|  |  |  |  |  | O |  |  |  |  |  |  | Appointment Date |
|  |  |  |  |  | O |  |  |  |  |  |  | Earliest Appointment Time |
|  |  |  |  |  | O |  |  |  |  |  |  | Latest Appointment Time |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Tariff Code |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 364 | Meters | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Service Reference |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Service Level Reference |
|  |  |  |  |  |  | O |  |  |  |  |  | Total Debt |
|  |  |  |  |  |  | O |  |  |  |  |  | Debt Recovery Rate |
|  |  |  |  |  |  | O |  |  |  |  |  | Standing Charge Override |
|  |  |  |  |  |  | O |  |  |  |  |  | Emergency Credit Override |

|  |  |
| --- | --- |
| Notes: | Standard tariff details will be contained within the Service Level Agreements between respective parties.  Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1395 | Supplier to NHDC flow deleted. |
| Version 3.1 | 1637 | Generator/Distributor (Scotland) to MOP included to cover the Scottish Market requirements. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 4 | 2697 | All flow occurrences from Distributor (Scotland) removed. |
| Version 4 | 2747 | Flow occurrence from Generator (Scotland) to MOP removed. |
| Version 4 | 2796 | Data Item 'Tariff Code' added to group 363 as mandatory. |
| Version 7.2 | 3145 | Flow Notes changed. |

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| --- | --- |
| Flow Name: | Confirmation of Token Meter Installation |
| Flow Description: | Confirmation of token meter installation is being given with details of the meter and settings.. |
| Flow Ownership: | MRA |

|  |  |  |
| --- | --- | --- |
| **From** | **To** | **Version** |
| MOP | Supplier | 2.0 |

Data Items:

| **Reference** | **Item Name** |
| --- | --- |
| J0012 | Additional Information |
| J0375 | Customer Name |
| J0848 | Date of Meter Installation |
| J0547 | Debt Recovery Rate |
| J0556 | Emergency Credit |
| J0080 | Energisation Status |
| J0557 | Initial Credit |
| J0410 | Manufacturers Make & Type |
| J0501 | Meter Current Rating |
| J0004 | Meter Id (Serial Number) |
| J0419 | Meter Location |
| J0010 | Meter Register Id |
| J0474 | Meter Register Type |
| J1036 | Metering Point Address Line 1 |
| J1037 | Metering Point Address Line 2 |
| J1038 | Metering Point Address Line 3 |
| J1039 | Metering Point Address Line 4 |
| J1040 | Metering Point Address Line 5 |
| J1041 | Metering Point Address Line 6 |
| J1042 | Metering Point Address Line 7 |
| J1043 | Metering Point Address Line 8 |
| J1044 | Metering Point Address Line 9 |
| J0263 | Metering Point Postcode |
| J0003 | MPAN Core |
| J0427 | Number of Phases |
| J0478 | Number of Register Digits |
| J0040 | Register Reading |
| J0275 | Service Level Reference |
| J0274 | Service Reference |
| J0543 | Standing Charge |
| J0443 | Supply Voltage |
| J0685 | Tariff Code |
| J0554 | Total Debt |

Flow Structure:

| **Group** | **Group Description** | **Range** | **Condition** | **L1** | **L2** | **L3** | **L4** | **L5** | **L6** | **L7** | **L8** | **Item Name** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 365 | MPAN Cores | 1-\* |  | G |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1 |  |  |  |  |  |  | MPAN Core |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Energisation Status |
|  |  |  |  |  | O |  |  |  |  |  |  | Customer Name |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 1 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 2 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 3 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 4 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 5 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 6 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 7 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 8 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Address Line 9 |
|  |  |  |  |  | O |  |  |  |  |  |  | Metering Point Postcode |
|  |  |  |  |  | O |  |  |  |  |  |  | Additional Information |
|  |  |  |  |  | 1 |  |  |  |  |  |  | Tariff Code |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 366 | Meter Details per MPAN Core | 1-\* |  |  | G |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Id (Serial Number) |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Location |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Manufacturers Make & Type |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Meter Current Rating |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Supply Voltage |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Number of Phases |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Date of Meter Installation |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Service Reference |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Service Level Reference |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Total Debt |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Debt Recovery Rate |
|  |  |  |  |  |  | O |  |  |  |  |  | Emergency Credit |
|  |  |  |  |  |  | O |  |  |  |  |  | Standing Charge |
|  |  |  |  |  |  | 1 |  |  |  |  |  | Initial Credit |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 367 | Register Details per Meter | 1-\* |  |  |  | G |  |  |  |  |  |  |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Id |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Meter Register Type |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Number of Register Digits |
|  |  |  |  |  |  |  | 1 |  |  |  |  | Register Reading |

|  |  |
| --- | --- |
| Notes: | Standard tariff details will be contained within Service Level Agreements between the parties. Emergency Credit and Fixed Charge values will only be given when an override has been applied.  Though all of the address data items included in this flow are defined within the structure as being optional, the address itself is mandatory and must be included in the flow. The use of any individual address item cannot be made mandatory as, in the absence of an agreed address structure for all flows, an address may be constructed from any combination of the Address Line and Postcode items. |

Version History:

| **Catalogue release change takes effect** | **CP No.** | **Brief description of the change and its reason** |
| --- | --- | --- |
| Version 3.1 | 1645 | MOP to Generator/Distributor (Scotland) included to cover the Scottish Market requirements. |
| Version 3.1 | 1792 | Address data items replaced and notes added to standardise with the MPAS Address format as agreed by CIDA Design Authorities Forum. |
| Version 3.1 | 2048 | Energisation Status added to flow. |
| Version 4 | 2202 | Data Item 'Connection Date' replaced by 'Date of Meter Installation'. |
| Version 4 | 2697 | All flow occurrences to Distributor (Scotland) removed. |
| Version 4 | 2747 | Flow occurrence from MOP to Generator (Scotland) removed. |
| Version 4 | 2796 | Data Item 'Tariff Code' added to group 365 as mandatory. |
| Version 7.2 | 3145 | Flow Notes changed. |