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Andrew Wallace Ofgem 9 Millbank London SW1P 3GE

8 August 2014

Dear Andrew

Re: Moving to reliable next-day switching

ElectraLink Ltd is pleased to respond to Ofgem's consultation titled 'Moving to reliable next-day switching' published 16 June 2014. In accordance with our role as provider of the Data Transfer Service (DTS) to the GB electricity market we have focused our response on those areas most closely aligned with our experience, knowledge and core competencies.

Where are the Delays in Supplier Switching?

The issues surrounding the duration of the supplier switching process identified by Ofgem in this consultation are clearly not confined to 'central' systems. From an electricity market perspective, ElectraLink considers that it is the processes and procedures set out in the Master Registration Agreement (MRA) that primarily determine the time taken to affect a Supplier event rather than the technology that underpins these processes. In particular, delays to switching are not related to the time taken to exchange data on the DTS between parties. The DTS transfers data between electricity market participants in minutes and can be re-configured to accommodate industry process changes, including message prioritization at either the application layer or the network layer to accelerate transfers to seconds if required.





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Business Process Re-design

Ofgem has identified three key implementation stages for the proposed reform package. It will be the first stage, documenting the new business processes involved, that will be the most important as it largely determines the ultimate cost and quality of the future supplier switching service experienced by consumers. To achieve next-day switching, business processes will need to be run simultaneously rather than sequentially, with new or enhanced processes to 'reverse out' changes if data is subsequently amended or a decision is made to defer or cancel the change. Accordingly, this first implementation stage must document the full scope of the new processes to enable broader business and systems impact analyses to be carried out.

Data Transfer Costs

Data transfer is a very small part of electricity supply costs. The DTS currently represents excellent value for money, costing each electricity consumer 17p per year. Based on the number of switching events and their share of traffic volume in the electricity market over the last 12 months, the DTS cost to industry to support supplier switching is currently 1p per switching event. The DTS is governed by the DTS Agreement (DTSA) which has the flexibility to ensure that the DTS will be able to support its users as they migrate to the new switching arrangements.

Broader Issues with Supplier Switching

In terms of some of the broader issues raised in Ofgem's consultation, the extent to which a single central registration service alone would help to address the issues around supplier switching depends largely on changes to broader industry processes. Furthermore, the overall cost of implementing centralised switching may substantially exceed the cost of the new central system alone. The functionality within the individual systems operated by the many separate organisations involved in the chain of supply for electricity and gas supply, which will need to be changed to accommodate centralised registration, will in many cases have 'knock on' business process impacts beyond supplier switching.

ElectraLink's Role in Achieving Reliable Next-day Switching

ElectraLink is ready to support industry as it migrates to new market arrangements for supplier switching.

As outlined in Ofgem's consultation, poor quality market data has a huge impact on the consumers' experience of the energy supplier switching process. ElectraLink's unique position of being able to analyse all of the data flows between electricity market participants means that we are able to provide Ofgem and industry with significant insights into supplier switching which could aid future decision making. Through the DTSA the DTS Parties have provided ElectraLink with the ability to store and analyse DTS data which is providing invaluable perspectives on the effectiveness of the current switching processes. ElectraLink is currently undertaking a project to analyse all of the DTS data relating to the 7.3m supplier switching events which have taken place in the retail electricity market over the last 26 months. We will shortly be presenting the results of this analysis to the MRA







IREG in support of the MRA's response to Ofgem's 'Industry data quality, ownership and governance' request dated 24 June 2014.

ElectraLink recognises the potential benefits to consumers of evolving the switching process and will be engaging with Ofgem and the users of the DTS to support implementation. At a time when the retail energy market is already experiencing fundamental change, the proposed changes to switching must be carefully managed to avoid introducing significant additional risk. To minimise risk to industry at the implementation stage, significant testing will be required and ElectraLink is well placed to support this at a number of levels.

Detailed information in support of the above is contained in the appendices to this letter. Should you have any further questions please do not hesitate to contact me.

Yours sincerely,

Stuart Lacey Chief Executive

| Appendix 1 | About ElectraLink |
|------------|---|
| Appendix 2 | Industry Roles of Participants Supported by the DTS and the Number of Unique Market Participants IDs (MPIDs) within each Market Role |
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Appendix 1- About ElectraLink

ElectraLink's Background

Thought leaders, innovators and with a proven track record as facilitators in making things happen, ElectraLink was established in 1998 to procure and manage a data transfer service (currently regulated through DNO SLC 37) to support the newly formed competitive domestic electricity supply market. ElectraLink is owned by the six distribution network operators (DNOs).

Since 1998 ElectraLink's Data Transfer Service (DTS) has facilitated electricity retail market competition by supporting the customer switching, settlement, agent management and meter administration processes that underpin a competitive electricity market. The DTS provides the electricity market with a cost effective data transfer service that has experienced no known security breaches in the history of its operation.

With the support of industry and Ofgem, ElectraLink has expanded its operations into commercial services. These include network services which support the competitive metering market (RGMA) and the switching process (NOSI) in the gas market. These services operate on the same infrastructure as the DTS allowing dual fuel customers to send and receive electricity and gas data flows using the same network connection.

ElectraLink has also brought competition to the energy governance services market and currently supports the Distribution Connection and Use of System Agreement (DCUSA), the Supply Point Administration Agreement (SPAA) and the Smart Metering Installation Code of Practice (SMICoP).

Finally over the last two years ElectraLink has developed Energy Market Insight services which utilise the unique data set that is sent over the DTS. The capability to store and analyse this market data was granted to ElectraLink in February 2012 by the DTS Users, who recognised how the aggregation and analysis of DTS data by a central body would improve industry efficiency and benefit customers.

Introduction to the Data Transfer Service (DTS)

The DTS supports the efficient operation of all participants in the GB retail electricity supply market. The roles of the electricity market participants currently connected to the DTS are listed in Appendix 2 and the users of the DTS currently connected to the service are named in Appendix 5. The electricity market processes defined in the MRA and supported by the DTS are listed in Appendix 3.

The Cost of the DTS

ElectraLink is obliged to deliver the DTS in a cost effective manner and Figure 1 details the annual cost of the DTS to its users since the service was launched. Over this period the size, measured by data volume, and scope, measured by number of users and market processes supported, of the DTS has increased significantly. Despite these pressures the annual cost per MPAN of the DTS now stands at 17p and further cost declines are expected in the future. ElectraLink operates the DTS on a

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cost recovery basis and the transformation of the DTS, as outlined below, provides us with the opportunity to pass significant costs reductions through to the users of the service.

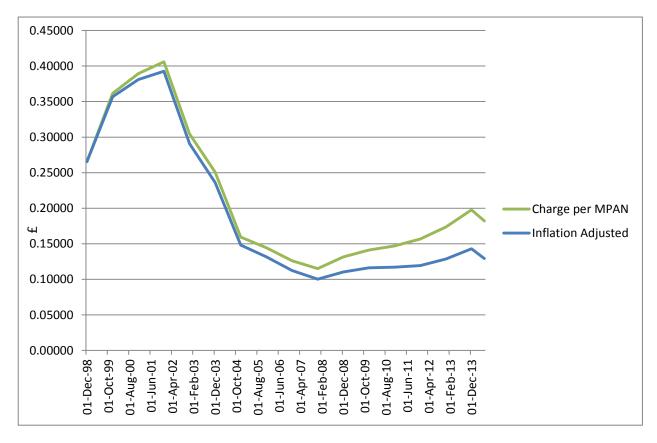


Figure 1: The Annual Cost of the DTS per MPAN

The Number of Energy Industry Systems Connected to the DTS

All of the users of the DTS have developed their internal systems and processes to interface with service. Appendix 2 show the number of the unique Market Participant IDs (MPIDs) associated with each market participant role. This indicates that there are over 800 separate MPID/Role combinations, a number likely to translate into a similar number of disparate internal systems, all of which the DTS supports with electricity market data transfer.

The Master Registration Agreement (MRA)

The MRA is an agreement that sets out terms for the provision of Metering Point Administration Services (MPAS Registrations) and procedures in relation to the change of supplier to any premise/metering point. It is a multiparty agreement between, Suppliers, Distribution Businesses, Elexon and the MRA Service Company. Changes to the MRA are agreed via changes submitted to the MRA Development Board which, after industry deliberation, are reflected in the Data Transfer Catalogue (DTC) which defines the data flows that pass between different participants to support the







industry processes. The DTC defines the data flows delivered by the DTS. ElectraLink currently operates to a 12 day SLA to implement any changes to the DTC agreed by the MRA.

The DTS Transformation Programme

ElectraLink continues to have the responsibility for the provision of a shared, secure, industry controlled data transfer infrastructure to support a competitive GB electricity market. The DTS facilitates change, as evidenced by its use for the Green Deal, and will support the expansion of half hourly settlement and will facilitate the launch of electricity market reform (EMR). Longer term ElectraLink is already exploring how the DTS could be used to support demand side response (DSR), recognising its existing, unique role delivering data between the DNOs and suppliers.

Technology has evolved significantly since the DTS was established in 1998 and ElectraLink, recognising the ongoing requirement for the DTS, has continually refreshed the service to reduce costs and improve performance. In 2011 ElectraLink worked with its service provider to complete a successful proof of concept to demonstrate how the DTS could operate in near real time, providing a migration path for its users from the batch process that currently predominate in the energy market to the near real time environments that characterise other industry data transfer environments.

In 2013 ElectraLink embarked on a fundamental re-architecting of the DTS (the DTS Transformation Programme) which will maintain the current physical and logical interfaces of the DTS whilst supporting connections via a private virtual cloud. The transformed DTS will be fully backward compatible with today's way of working whilst providing significantly improved scalability and flexibility to support new ways of working, including the introduction of XML interfaces to the service. The DTS Transformation Programme will be completed by the end of 2014.

How the DTS Currently Supports the Supplier Switching Process

The change of supplier process in the electricity market defined in the MRA is triggered by a new supplier when they send the D0055 (Registration of Supplier to Specified Metering Point) data flow to MPAS. The new supplier determines both the time at which this data flow is sent as well as the requested start date, which is included in this data flow. The requested start date may be driven by contractual cooling off periods or the need to align electricity and gas registrations on the same date. Following this there are then a host of data exchanges such as agent appointments, change of supplier meter reads, customer objections until finally the change of supplier process completes. The data flows associated with the current supplier switching process are listed in Appendix 4. Some of these data flows are also used by other electricity market processes (for example the D0010 Meter Readings).

The Time Taken to Complete a Supplier Switch

ElectraLink is uniquely placed to observe all the market interactions relating to a supplier switch from the start to the end of the process. Shown below in Figure 2 is the average time taken to switch







supplier in the GB electricity market from the D0055 data flow being sent to the completion of the switching process over the last 2 years.

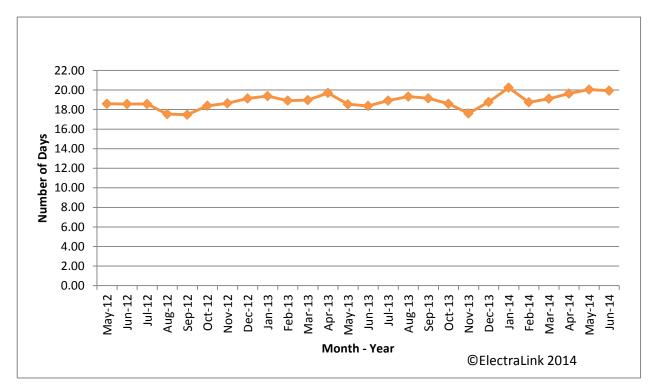


Figure 2: The Average Time to Switch Supplier in the GB Electricity Market

Although the switching process is taking on average almost 20 days, this delay is not due to the speed of data transfer. On average there are in excess of 2 million messages a month transferred across the DTS and within each message there can be multiple instances of the data flow. The vast majority of messages are delivered in line with the agreed service levels in less than 5 minutes as evidenced in Figure 3 below. This clearly demonstrates that it is the process for supplier switching, rather than the technology utilised by the DTS, that constrains Ofgem's ambition of next day switching.







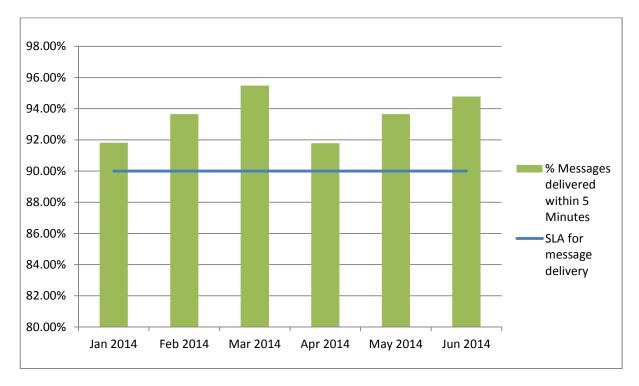


Figure 3: Percentage of DTS Messages Delivered Within 5 Minutes

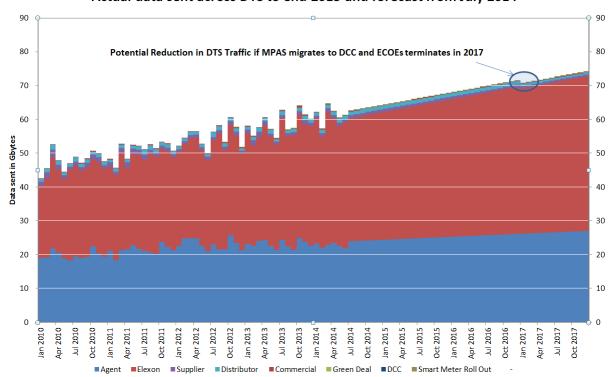
Impact on the DTS of the Introduction of a Centralised Switching Service

ElectraLink has analysed the impact of the proposed introduction of a centralised switching service on the volume of DTS traffic. The data flows relating to supplier switching are identified in Appendix 4. Figure 4 below shows the impact of the removal of these flows, insofar as they relate to the change of supplier process, within the context of the other categories of data flows handled by the DTS in support of other industry processes and a forecast of future growth (which excludes an impact of changes to the HH settlement regime). There is a minimal impact on the DTS from the introduction of a centralized switching service with supplier switching related DTS traffic representing just 1.7% of total DTS traffic volume. **Based on this share of traffic volume, and the number of switching events in the electricity market over the last 12 months, the DTS cost to industry to support supplier switching is currently 1p per switching event.**









Actual data sent across DTS to end 2013 and forecast from July 2014

Figure 4: Impact on DTS Traffic Volume of Centralised Switching







Appendix 2- Industry Roles of Participants Supported by DTS and the Number of Unique Market Participants IDs (MPIDs) within each Market Role

| Unique MPIDs still effective | Role | |
|-----------------------------------|--|--|
| 22 | Distributor | |
| 4 | 4 Electricity Central Online ENQ Service | |
| 27 | Green Deal Licensee | |
| 218 | Green Deal Provider | |
| 178 | Green Deal Remittance Processor | |
| 3 | Grid Control Company | |
| 2 | GRS Operator | |
| 15 | HH Data Aggregator | |
| 15 | HH Data Collector | |
| 1 | Market Domain Data Agent | |
| 54 | Meter Asset Provider (MAP) | |
| 34 Meter Operator | | |
| 33 Non Half Hourly Data Retriever | | |
| 6 | Non-core Role (e.g. DCC or GDCC) | |
| 25 | Non-HH Data Aggregator | |
| 24 | Non-HH Data Collector | |
| 24 | Prepayment Meter Infrastructure Provider | |
| 22 | PRS Agent | |
| 17 | Revenue Protection Service | |
| 2 | Settlement System Administrator | |
| 96 | Supplier | |
| 21 | Supply Fault Information Centre | |
| 4 | Tele-switch Agent | |
| 22 | Unmetered Supplies Operator (UMSO) | |
| | | |
| 869 | Grand Total | |







Appendix 3- Electricity Market Processes Defined in the MRA and Supported by the DTS

| Allocate PPM Transactions (A1809) |
|---|
| Appoint agents (A161) |
| Appoint/De-appoint Agents to the Metering Point (same Supplier / New Connection) (A165) |
| Appoint/De-appoint DA (NHH & HH) (A1011) |
| Appoint/De-appoint HH DC (A1135) |
| Appoint/De-appoint HH MO (A1129) |
| Appoint/De-appoint NHH DC (A1028) |
| Appoint/De-appoint NHH MO (A1023) |
| Cable Installation and Network Connection (A100) |
| Change of Measurement Class (A450) |
| Change of Measurement Class : NHH to HH, Same Supplier (A1161) |
| Change of Measurement Class: NHH to HH, Coincident with CoS (A1162) |
| Contact Notice Facility (A809) |
| CoS Objection Process (A575) |
| DA Validation (A443) |
| Daily Profile Production (A912) |
| Data Collection and Processing of Meter Readings (including CoS reading) (A104) |
| Data Validation and Aggregation (A910) |
| Debt Assignment for PPM (A1800) |
| De-energisation (A928) |
| De-Energise, Energise & Disconnect (A109) |
| Determine NHH DR Site Visit Requirement (A1146) |
| Disconnection (A933) |
| DUoS Billing (A108) |
| Energise Metering Point (A430) |
| Generation of new/additional MPAN Core(s) (A205) |
| HH Meters: Administer Metering Point Data (A991) |
| HH Meters: Obtain Readings (A110) |
| HH Meters: Process Meter Readings (A990) |
| HH ONLY Appoint agents to the Metering Point (New Supplier - CoS) (A1120) |
| Industry Process View (A0) |
| Install, Replace, Energise, Remove and Sale of a PPM (A999) |
| Install, Replace, Energise, Remove and Sale of a HH Meter (A130) |
| Install, Replace, Energise, Remove and Sale of a NHH Meter (A129) |
| Issue Full Refreshes (A402) |
| Issue PPM Device (A1053) |
| Issue Selective Refreshes (A403) |
| Make Customer Appointment (A134) |









| Manage Market Domain Data (A106) Manage Planned Outages (A1055) Manage PPMs (A222) Manage Supply (Install, and manage Meter Operations) (A102) Manage Supply Faults (A1062) Managing Supply Faults and Outages (A105) Meter Operations (A718) |
|---|
| Manage PPMs (A222) Manage Supply (Install, and manage Meter Operations) (A102) Manage Supply Faults (A1062) Managing Supply Faults and Outages (A105) Meter Operations (A718) |
| Manage Supply (Install, and manage Meter Operations) (A102) Manage Supply Faults (A1062) Managing Supply Faults and Outages (A105) Meter Operations (A718) |
| Manage Supply Faults (A1062) Managing Supply Faults and Outages (A105) Meter Operations (A718) |
| Managing Supply Faults and Outages (A105) Meter Operations (A718) |
| Meter Operations (A718) |
| |
| |
| Meter Reading on Change of Supplier Dispute (A818) |
| Minimise Illegal Abstraction (A783) |
| MPAS Refreshes/Resends and Reporting (A199) |
| New NHH DC Obtain and Generate Change of Supplier meter reading (A848) |
| NHH Meters: Administer Metering Point Data (A938) |
| NHH Meters: Obtain Readings (A936) |
| NHH Meters: Process Meter Readings (A937) |
| NHH ONLY Appoint agents to the Metering Point (New Supplier - CoS) (A166) |
| Obtain NHH Meter Readings (NHH DR) (A1149) |
| Operate PPMs including the recharging of Smartcards/Keys and the sale of tokens (A1003) |
| Prepare Supply Quote (A599) |
| Prepayment Meter Infrastructure Polling (A1004) |
| Register MPAN and Appoint Agents (inc Change of Agent and generation of additional/new MPAN |
| Core(s)) (A101) |
| Registration on a New Connection (A410) |
| Registration on Change of Supplier (A162) |
| Resolve Erroneous Transfer (A1721) |
| Resolve Objection (A836) |
| Settlement and Reconciliation (A907) |
| SVA Agent (A1143) |
| Transfer Metering Point between MPAS and CRA (A1511) |
| Update MPAD Items and Customer Details (A163) |
| Updates to Distribution held MPAD Items (A407) |
| Updates to Supplier held MPAD Items (A406) |
| Validate and Aggregate Data and Settle (A915) |





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| Flow | Flow Name | From Role | To Role |
|--------|--|-------------|-------------|
| Number | | | |
| D0 | | | |
| 004 | Notification of Failure to Obtain Reading | HHDC | Supplier |
| 004 | Notification of Failure to Obtain Reading | NHHDC | Supplier |
| 004 | Notification of Failure to Obtain Reading | NHHDR | NHHDC |
| 010 | Meter Readings | Distributor | NHHDC |
| 010 | Meter Readings | HHDC | Distributor |
| 010 | Meter Readings | HHDC | HHDC |
| 010 | Meter Readings | HHDC | Supplier |
| 010 | Meter Readings | MOP | Distributor |
| 010 | Meter Readings | MOP | HHDC |
| 010 | Meter Readings | MOP | NHHDC |
| 010 | Meter Readings | MOP | Supplier |
| 010 | Meter Readings | NHHDC | Distributor |
| 010 | Meter Readings | NHHDC | NHHDC |
| 010 | Meter Readings | NHHDC | Supplier |
| 010 | Meter Readings | NHHDR | NHHDC |
| 010 | Meter Readings | Supplier | NHHDC |
| 011 | Agreement of Contractual Terms | HHDA | Supplier |
| 011 | Agreement of Contractual Terms | HHDC | Supplier |
| 011 | Agreement of Contractual Terms | MOP | Supplier |
| 011 | Agreement of Contractual Terms | NHHDA | Supplier |
| 011 | Agreement of Contractual Terms | NHHDC | Supplier |
| 019 | Metering System EAC/AA Data | NHHDC | NHHDA |
| 019 | Metering System EAC/AA Data | NHHDC | Supplier |
| 055 | Registration of Supplier to Specified Metering Point | Supplier | MPAS |
| 057 | Rejection of Registration | MPAS | Supplier |
| 058 | Notification of Termination of Supply Registration | MPAS | Supplier |
| 064 | Notification of an Objection to Change of Supplier Made By the Old Supplier | Supplier | MPAS |
| 065 | Confirmation of Receipt of a Registration Objection | MPAS | Supplier |
| 066 | Rejection of a Registration Objection | MPAS | Supplier |
| 067 | Notification of an Objection to Change of Supplier Sent to the New Supplier | MPAS | Supplier |
| 068 | Removal of Registration Objection | Supplier | MPAS |
| 069 | Rejection of Registration Objection Removal | MPAS | Supplier |
| 071 | Customer Own Reading or Supplier Estimated Reading on Change of Supplier | Supplier | NHHDC |
| 072 | Instruction to Obtain Change of Supplier Reading | Supplier | NHHDC |
| 086 | Notification of Change of Supplier Readings | NHHDC | Distributor |
| 086 | Notification of Change of Supplier Readings | NHHDC | NHHDC |
| USP | Nothication of Change of Supplier Readings | NULLO | NULLC |

Appendix 4 – Data Flows Associated with a Change of Supplier (CoS)





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| 086 | Notification of Change of Supplier Readings | NHHDC | Supplier |
|-----|---|-------------|-------------|
| 090 | Confirmation of the Removal of a Registration Objection | MPAS | Supplier |
| 091 | Notification of Removal of a Registration Objection | MPAS | Supplier |
| 092 | Advice to an Old Supplier of a Change of Supply Registration Deletion | MPAS | Supplier |
| 093 | Advice to a New Supplier of a Change of Supply Registration Deletion | MPAS | Supplier |
| 142 | Request for Installation or Change to a Metering System Functionality or the Removal of All Meters | Supplier | МОР |
| 148 | Notification of Change to Other Parties | Supplier | HHDC |
| 148 | Notification of Change to Other Parties | Supplier | MOP |
| 148 | Notification of Change to Other Parties | Supplier | NHHDC |
| 149 | Notification of Mapping Details | MOP | Distributor |
| 149 | Notification of Mapping Details | MOP | MOP |
| 149 | Notification of Mapping Details | MOP | NHHDC |
| 149 | Notification of Mapping Details | MOP | Supplier |
| 150 | Non Half-hourly Meter Technical Details | Distributor | MOP |
| 150 | Non Half-hourly Meter Technical Details | MOP | Distributor |
| 150 | Non Half-hourly Meter Technical Details | MOP | MOP |
| 150 | Non Half-hourly Meter Technical Details | MOP | NHHDC |
| 150 | Non Half-hourly Meter Technical Details | MOP | Supplier |
| 151 | Termination of Appointment or Contract by Supplier | Supplier | HHDA |
| 151 | Termination of Appointment or Contract by Supplier | Supplier | HHDC |
| 151 | Termination of Appointment or Contract by Supplier | Supplier | МОР |
| 151 | Termination of Appointment or Contract by Supplier | Supplier | NHHDA |
| 151 | Termination of Appointment or Contract by Supplier | Supplier | NHHDC |
| 152 | Metering System EAC/AA Historical Data | NHHDC | NHHDC |
| 153 | Notification of Data Aggregator Appointment and Terms | Supplier | HHDA |
| 153 | Notification of Data Aggregator Appointment and Terms | Supplier | NHHDA |
| 155 | Notification of Meter Operator or Data Collector Appointment and Terms | Supplier | HHDC |
| 155 | Notification of Meter Operator or Data Collector Appointment and Terms | Supplier | MOP |
| 155 | Notification of Meter Operator or Data Collector Appointment and Terms | Supplier | NHHDC |
| | | | |









| 170 | | | |
|--|--|--|---|
| _, • | Request for Metering System Related Details | MOP | Distributor |
| 170 | Request for Metering System Related Details | MOP | MOP |
| 170 | Request for Metering System Related Details | NHHDC | MOP |
| 170 | Request for Metering System Related Details | NHHDC | NHHDC |
| 170 | Request for Metering System Related Details | NHHDC | Supplier |
| 170 | Request for Metering System Related Details | Supplier | HHDC |
| 170 | Request for Metering System Related Details | Supplier | MOP |
| 170 | Request for Metering System Related Details | Supplier | NHHDC |
| 174 | Issue Identity Card for Token Meter Customer | Supplier | PPMIP |
| 183 | Issue New Customer Smart Card | Supplier | MOP |
| 183 | Issue New Customer Smart Card | Supplier | PPMIP |
| 190 | Issue Customer Key | Supplier | MOP |
| 190 | Issue Customer Key | Supplier | PPMIP |
| 203 | Rejection of Changes to Metering Point Details | MPAS | Supplier |
| 205 | Update Registration Details | Supplier | MPAS |
| 209 | Instruction(s) to Non Half Hourly or Half Hourly Data Aggregator | MPAS | HHDA |
| 209 | Instruction(s) to Non Half Hourly or Half Hourly Data Aggregator | MPAS | NHHDA |
| 213 | Advice from MPAS of Changed Metering Point Details | MPAS | Supplier |
| 217 | Confirmation of the Registration of a Metering Point | MPAS | Supplier |
| | | | |
| 225 | Customer Special Needs | Distributor | Supplier |
| 225 225 | Customer Special Needs Customer Special Needs | Distributor Supplier | Supplier Distributor |
| | | | |
| 225 | Customer Special Needs | Supplier | Distributor |
| 225 225 | Customer Special Needs Customer Special Needs | Supplier Supplier | Distributor MOP |
| 225 225 225 | Customer Special Needs Customer Special Needs Customer Special Needs | Supplier Supplier Supplier | Distributor MOP NHHDC |
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| 303 | Notification of Meter Operator, Supplier and Metering Assets installed / removed by the MOP to the MAP | МОР | МАР |
|-----|--|----------|-------------|
| 305 | Notice of Customer Requested Objection | Supplier | Supplier |
| 306 | Request for Debt Information | Supplier | Supplier |
| 307 | Debt Information | Supplier | Supplier |
| 308 | Confirmation of Customer Debt Transfer | Supplier | Supplier |
| 309 | Confirmation of Debt Assigned | Supplier | Supplier |
| 311 | Notification of Old Supplier Information | Supplier | NHHDC |
| 311 | Notification of Old Supplier Information | Supplier | Supplier |
| 313 | Auxiliary Meter Technical Details | MOP | Distributor |
| 313 | Auxiliary Meter Technical Details | MOP | MOP |
| 313 | Auxiliary Meter Technical Details | MOP | NHHDC |
| 313 | Auxiliary Meter Technical Details | MOP | Supplier |







Appendix 5 – The Users of the DTS Currently Connected to the Service

| Company | | | |
|---|--|---|--|
| 1North Ltd | Electricity North West Ltd | I Supply Energy Limited | Reuben Power Supply Limited |
| A&M Energy Solutions Ltd | Elexon Ltd | IMServ Europe Ltd | Scenergy Ltd |
| Addito Energy Limited | Eneco Energy Trade BV | Independent Power Networks Ltd | Scottish and Southern Energy |
| Agility Eco Services Ltd | Energetics Electricity Ltd | Inexus (Services) Ltd | Scottish Power Plc |
| Anesco Ltd | Energy Assets Ltd | Infinity Energy Organisation Ltd | Servicetotal Ltd |
| Anglian Home | Energy Data Company | InstaFoam & Fibre Limited | Siemens Metering Service |
| AOS Green Deal Limited | Energy Trust | Inteb Sustainability Ltd | SIG Green Deal Provider Company Limited |
| Aran Services Ltd | Enhance Energy | IPM Energy Retail | Smartest Energy Ltd |
| Axis Telecom Ltd | Enterprise Managed Services (E&CS) Ltd | Ista Energy Solutions Ltd | Solarwise Renewables |
| Axpo UK Ltd | ESP Electricity Ltd | Itron Metering Services UK Ltd | Solarwise Renewables Limited |
| B Global Metering Ltd | Europa Energy Supply Limited (Utiliserve) | Keepmoat Ltd | Solus Renewable Energy Ltd |
| BES Commercial Electricity Ltd | Extra Energy Supply Limited | Kingfisher Future Homes | Spark Energy Supply Ltd |
| Bglobal Plc | F &S Energy Limited | Larkfleet Ltd | SSE Green Deal Provider Limited |
| British Gas | First Utility | Local Energy | Stark Software International |
| British Gas New Heating | FITGAS | Local Energy Company | Statkraft |
| British Gas New Heating (Sainsbury's Energy) | Flow Energy Ltd | Lorimer Power | Supply Energy Ltd |
| British Gas Trading Ltd | Foster Property Maintenance Ltd | Low Carbon Finance Ltd | Symbio Energy LLP |
| C and C Group | G4S Ltd | Lowri Beck Services Ltd | The Big Green Energy Company Ltd |
| Carbon Low Limited | Ganymede Energy Supply Limited (Utiliserve) | MA Energy Limited | The Energy Network Company Ltd |
| CarbonLow Real Estate Ltd | Gazprom Marketing and Trading Retail Ltd | MEB Total Ltd | The Green Deal Shop.com Ltd |
| Carillion Energy Services | GCMI trading as Green Deal Factory | Meterfit North (North West) Ltd | TMA Data Management |
| Carillion Energy Services Limited | GDF Suez Marketing Ltd | Nationwide Electricity Ltd | Toriga Energy Ltd |
| CertiNergy Ltd | GDFC Services Ltd | NEAS Energy Limited | TotalFinaELF Gas & Power |
| City Energy South Wales Ltd | Gemserv Ltd | Neil Pittam Electrical Installations | UK Meter Assets |
| Climate Energy | Gentoo Group | Neil Pittam Electrical Installations Limited | UK Power Networks |
| Complete Plumbing Clean Energy Ltd | Gentoo Group Ltd | Network Green Deal Ltd | UK Power Networks Ltd |
| Co-operative Energy Ltd | GHE Solar Ltd | Northern Gas Heating Limited | Utilisoft Ltd |







| Corona Energy Retail 5 Limited | Gnergy Limited | Northern Power Grid Metering | Utilita Electricity Ltd |
|---|---|--------------------------------------|------------------------------|
| Corporate Support Solutions | Good Energy | Northern Powergrid | Utilita Meter Operation Ltd |
| Coulomb Energy Supply Limited (Utiliserve) | Grafton Merchanting GB | Nostrum Group | Utilita Services Ltd |
| Domestic and General Insulation Ltd | Green Deal Energy Services (UK) Ltd | Npower Ltd | Utility Funding Ltd |
| DONG Energy Power Sales UK Ltd | Green Deal Express | nPower Northern Limited | Utility Partnership Ltd |
| Dual Energy Direct Ltd | Green Deal Finance Company | One Stop Energy Ltd | Vattenfall |
| E. On UK Plc | Green Deal Provider Network Ltd | OPUS Energy Ltd | Vavu Power Ltd |
| Eco Deal Ltd | Green Deal Savings Ltd | Opus Green Limited | Volta Solar Limited |
| Ecojoules Ltd | Green Deal Together | ORSIS UK Ltd | Vospro |
| Economy Energy Trading Limited | Greenbuy Energy | Osborne Energy Limited | Vospro Technologies |
| EDF Energy | Greenexo Ltd | OVO Electricity Limited | Warmer Home Finance Limited |
| EDF Energy Customers | Harlaxton Energy Networks Ltd | Ovo Energy Ltd | Westdale Services Ltd |
| EDF Nuclear Generation Ltd | Haven Power Ltd | PECT Consultancy Limited | Western Power Distribution |
| Effective Energy Solutions Limited | Herbert T Forrest | Physis Energy | Work Work Ltd |
| Efficient Finance (UK) Ltd | High Oak Green Investments | Power4All Ltd | Your Green Deal Provider Ltd |
| Effortless Energy Ltd | Home Energy and Lifestyle Management Ltd | Property & Training Solutions Ltd | |
| ElectraLink Heartbeat Monitoring | Housing Action Management Ltd | Quodox Energy Ltd | |
| Electralink Ltd | Hudson Energy Supply Ltd | Renewable Energy Ltd | |



