

Switching Programme: Data Working Group 06



1. **Welcome and Introductions** – Andrew Amato, Ofgem
2. **Actions Review** – Andrew Amato, Ofgem
3. **Progress Report & Risk update** – Andrew Amato, Ofgem
4. **SI Update** – Tony Walters, Netcompany
5. **Draft Data Specification Product Description** – Andrew Amato, Ofgem &
John Wiggins, Electralink
6. **MRA Consequential Changes update** – Jonathan Hawkins, Gemserv
7. **Forward Look** – Andrew Amato, Ofgem
8. **Any Other Business**
9. **Date of next meeting:** Wednesday 22nd May at Gemserv

1. Welcome and Introductions



2. Actions Review



Action ID	Area	Description	Owner	Status
DWG04-A01	Related MPAN Changes - Cutover Plans	FSEG are to agree and communicate the approach which should include clarification of cutover plans and market participants' responsibilities.	FSEG	Open - Approach agreed, migration timing TBC at May FSEG
DWG04-A03	D0312 Flow Changes - Contracted Agents	Supplier attendees to engage with their contracted agents to ensure that they are aware of the change and the role they need to play as it proceeds.	Suppliers	Ongoing
DWG04-A04	Industry Engagement – Cleansing	AA to discuss with Gemserv how to effectively ensure parties collaborate including actions for those parties not accessing reporting.	Andrew Amato	Open – Reporting / analysis received & approach to be agreed
DWG04-A05	Generation/ Derivation of RELs	Program coordinator and Ofgem data lead to discuss potential with address provider and develop an assurance approach to monitoring the generation / derivation of RELs and feedback to Data Working Group in May.	Andrew Amato	Open - Awaiting appointment & mobilisation of address service provider
DWG05-A01	Data Working Group- Attendees	Andrew Amato to confirm Data Working Group attendees from the Systems Integrator (Netcompany).	Andrew Amato	Complete – Tony Walters attending
DWG05-A02	Address Profiling	Xoserve to provide update on address data profiling	Xoserve	In progress
DWG05-A03	Agent Appointment Data Reporting	Andrew Amato to investigate with Gemserv potential for reporting on accuracy of agent appointment data.	Andrew Amato	In progress
DWG05-A04	Plot to Postal Reporting	Gemserv to add numbers of newly energised plots to the plot to postal charts.	Gemserv	Complete

Action ID	Area	Description	Owner	Status
DWG05-A05	Generation/ Derivation of RELs	Andrew Amato to engage with Gemserv and Xoserve to explore plot to postal reporting data quality improvements.	Andrew Amato	In progress
DWG05-A06	Plot to Postal/ Related MPANs	DWG members to review reporting considerations presented by Gemserv for both plot to postal and related MPAN reports and provide feedback to Switching PMO.	Data Working Group - All	In progress
DWG05-A07	Related MPAN Reporting	Gemserv to provide updated monthly updates on Related MPANs to the Data Working Group.	Gemserv	Complete
DWG05-A08	Data Management Principles	DWG Members to provide feedback by Friday 29 th March on the Data Management Principles.	Data Working Group - All	Complete
DWG05-A09	Data Mapping	Ofgem to re-issue an updated version of the Mapping spreadsheet to DWG.	Andrew Amato - Ofgem	Complete – issued with minutes

3. Progress Reporting & Risk Update

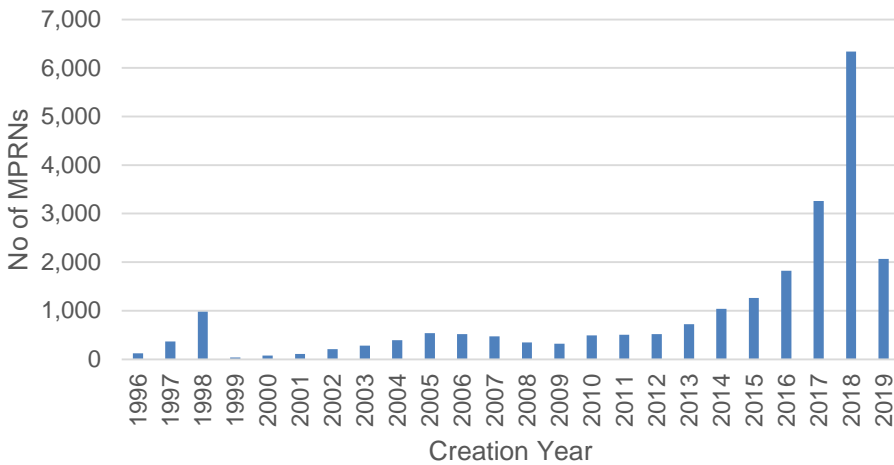


Data Cleansing			
Plot to Postal Address	Baseline	Current	Commentary
	Apr-18	Apr-19	
GT Registered Sites	15,591	14,205	Existing monthly BAU plot to postal process whereby Shippers provide a 'better PAF registered address'. Proactively working with Shipper organisations via the Consequential workgroup to prioritise this cleanse activity. This will be an ongoing cleanse activity, pre and post this Programme.
GT Unregistered Sites	8,718	8,587	Working alongside GT's to agree the cleanse activity for this pot. Figures will fluctuate due to new meter points being created and not confirmed into a Shippers portfolio
IGT Sites	84,929*	90,097*	IGT organisations have a plot to postal process whereby developers and Utility Infrastructure Providers provide a 'better PAF registered address' where able. A change request is currently in flight where IGT's will have the ability to update 'plot addresses' held on UK Link in bulk in addition to the current process of individual updates.
MTD Cleanse	Baseline	Current	Commentary
	TBC	TBC	

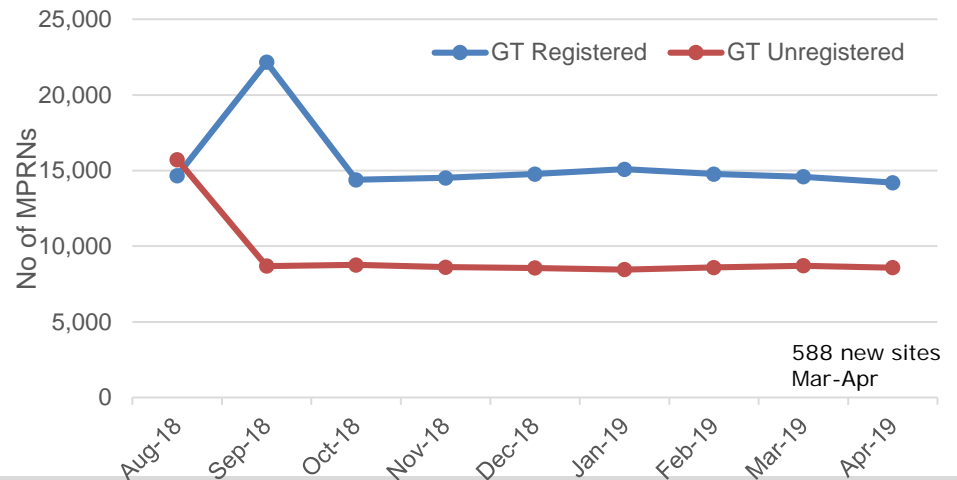
*iGT data from AiGT as at Jan 19

Gas MTD Cleansing and tracking of progress will follow once the first reconciliation from CP17/411 is completed in April 2019 – See SPAA Update

Gas Plot Address Age Profile (GT Sites)



Plot to Postal Address Cleanse (GT Sites)




■ Significant Risk - Immediate mitigation required
 ■ Increased Risk - Urgent mitigation required
 ■ At Risk - Manageable with mitigation
 ■ On track - But being closely monitored
 ■ On track
 ■ Complete

Consequential Changes		RAG		Completion Date		Commentary
		MAR	APR	Baseline	Forecast	
MAP ID	Creation of MAP ID Field in UK Link	G	G	Jul-19	Jul-19	The change is currently proposed for Xoserve's July 19 release, however, approval for release is currently within the DSG Governance process
	Initial population of MAP ID detail within UK Link	G	G	Nov-19	Nov-19	Some MAP data has been provided to Xoserve, we are working with MAP organisations via CMAP to acquire as much MAP data as possible. Timeline of November 19 has been provided to CMAP as target date for data population.
	Ongoing population of MAP ID from MAPs	G	G	Jul-19	Jul-19	With the introduction of MAP ID to UK Link there will be the provision of ongoing updates via RGMA flows from Shipper Organisation. MAP's will be provisioned with a flow to also provide MAP ID updates on an enduring basis to UK Link. Architectural design solutions are currently being analysed.
Shipper/Supplier Mapping	Cleansing activity for Shipper/Supplier mapping	G	G	Dec-19	Dec-19	This is an ongoing process with multiple Organisations to ensure the validity of Stakeholder associations. This activity will be ongoing until the migration of the process to Xoserve from SPAA
	Transfer of ownership of stakeholder data from SPAA to Xoserve	G	G	Feb-20	Feb-20	The transfer of ownership of Stakeholder data from SPAA to Xoserve is on track for a February 2020 delivery
RMP Status	Recognition & mapping of existing meter point status to new RMP values	AG	AG	Nov-20	Nov-20	Detailed design will confirm how the RMP status will be maintained within UK Link for provision to the new CSS Provider. Milestone of August 19 indicates the end of Xoserve's detailed design phase.
LEN Indicator	LEN indicator creation in UK Link	N/A	N/A	TBC	TBC	Detailed requirements to be defined for the enduring process and then to be scheduled into a change release
	LEN indicator data transformation/update / operational processes	N/A	N/A	TBC	TBC	Detailed requirements to be defined for the enduring process in order define datasets to be held
	LEN site investigation	N/A	N/A	TBC	TBC	Need further information to understand this requirement
Address Cleansing		RAG		Completion Date		Commentary
		MAR	APR	Baseline	Forecast	
Profiling of address data held within UK Link		G	G	Jul-19	Jul-19	High level profiling has completed. Scope of profiling includes: - invalid/dummy postcodes - Addresses without a delivery point alias, building name or number - Missing street names and Post Towns of Unknown or Blank This output is being analysed and will be included in this report
Creation of portfolio reporting for cleansing activity		G	G	Nov-19	Nov-19	First portfolio reporting is due to be issued in May 19. These reports will provide individual Shipper Organisations the site detail to enable them to begin to cleanse the meter points within their individual Portfolios.

 Significant Risk - Immediate mitigation required

 Increased Risk - Urgent mitigation required

 At Risk - Manageable with mitigation

 On track - But being closely monitored

 On track

 Complete

Near Term Improvements / Consequential Changes	RAG		Completion Date		Commentary
	MAR	APR	Baseline	Forecast	
Gas – MTD CP17/411 (Updates to Schedule 22 with specific reference to Section 7- Suppliers Reporting Obligations)	G	G	Jul-19	Jul-19	<ul style="list-style-type: none"> Asset portfolio reconciliation underway, with all MAMs required to submit data to Xoserve by 16 April 2019, in line with SPAA Schedule 22 Schedule 22 also requires that Supplier have assurance procedures in place to monitor the rates of data flow rejections in relation to MAM appointment/de-appointment, to enable action to be taken if required
Gas MTD - First Reconciliation	G	G	Jul/Aug-19	Jul/Aug-19	<ul style="list-style-type: none"> Asset portfolio reconciliation underway, with all MAMs required to submit data to Xoserve by 24 April 2019, in line with SPAA Schedule 22 Xoserve will perform a comparison of the MAM-submitted data and data held in the Supply Point Register and report back to the SPAA Secretariat within 60 working days following 24 April 2019 Xoserve has provided a prescribed format for the data and delineated this via the MAMCoP Board meeting, SPAA Expert Group (SEG) meeting and directly with Suppliers and MAMs Xoserve has chosen Huddle as the platform by which MAMs will share the data and have communicated details of this to MAMs Xoserve has advised that Ofgem have requested to see the output of the reconciliation activity and have asked Supplier Parties (via SEG) to provide any objections or comments on this
Reconciliation of MAP and UK-Link held data - -SCP 467 – Market Participant MDD Migration to UNC Governance -UNC Modification 0682 - Market Participant MDD Migration to UNC Governance from the SPAA -UNC Modification 0684 - Amendment of the Data Permission Matrix to add Meter Asset Provider as a new User type -DSC Change XRN 4851	G	G	Feb-20	Feb-20	<ul style="list-style-type: none"> ElectraLink are working closely with Xoserve to support the reconciliation, with regular update calls being held to monitor progress Xoserve has advised they have now identified all MAPs present within the SPAA Market Participants MDD and have written to them to advise that their details (including Market Participant ID - the so called 'short code') will be added to UK Link Xoserve are also reconciling other Market Participant data held within the SPAA MDD that does not currently appear within UK Link (e.g. Suppliers/MAMs held in SPAA MDD who are not in UK Link systems) and have advised they have written to all concerned parties to outline the next steps Xoserve has also advised that any SPAA MDD Change Proposals required to add new Market Participants to the SPAA MDD (where they are held in UK Link but not on the SPAA MDD) will be raised to the May/June SPAA Change Board for approval ElectraLink has agreed a timeline with Xoserve for the completion of the reconciliation (c. August/September 2019), to ensure any discrepancies are remedied well in advance of the proposed implementation date (February 2019)

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 **Complete**

Near Term Improvements / Consequential Changes	RAG		Completion Date		Commentary
	MAR	APR	Baseline	Forecast	
CP17/406 implementation - introduction of an explicit requirement on Suppliers, Agents and Gas Transporters to monitor flow rejections and either resend the information or follow the exception process set out in the relevant sections of the RGMA baseline document	C	C	Ongoing Monitoring		<ul style="list-style-type: none"> Volumes of rejections for SPAA-related flows have dropped significantly since Q4 2018 - with a full one month period where no rejections occurred. ElectraLink continues to provide ad-hoc support parties in dealing with flow rejections Industry participants have commented that the support arrangements have worked well and have assisted parties in identifying reasons for rejections. The most common reasons for rejections continue to be related to incorrect date formats (e.g. DDMMYYYY instead of YYYYMMDD) and, with support from ElectraLink, all have been resolved with the root causes found to be either human error or issues with Supplier internal processes
Supplier/MAM validation of meter details – CP17/411 & assurance reporting (ONJOB/ONUPD/K08 volumes)	C	C	Ongoing Monitoring		<ul style="list-style-type: none"> Following CP 17/411 implementation ElectraLink has agreed a contract with Xoserve for the provision of a monthly report detailing the levels of MAM appointment/de-appointment flows, and number of rejected flows, by Supplier The 'Schedule 22 Report' will highlight where Suppliers are either not providing MAM information or where this information is being rejected in central systems, to enable Suppliers to monitor their performance in relation to the new obligation and discuss any potential issues with Shippers The SPAA Experts Group (SEG) are reviewing an anonymised version of the report at their monthly closed session meeting The SPAA Executive Committee have agreed to the report being provided directly to Suppliers, to enable them to monitor performance directly within their respective organisations ElectraLink are currently working on a proposal for an improvement procedure, to operate where the report highlights that individual Suppliers may be non-compliant
Meter Model Table – SPAA Review Meter Product Table	G	G	Jun-19	Jun19	<ul style="list-style-type: none"> SPAA has now reviewed the Meter Product Table in relation to any blank or inconsistent values and discussed these with Xoserve and industry parties SCP 468 (Removal of Blank Values) was raised at the April 2019 SPAA Change Board and is undergoing a 30 WD impact assessment ahead of proposed implementation on 28 June. Xoserve has indicated that some of the value proposed for removal may be in use in central systems and have been asked to provide detailed comments in their impact assessment response Further review may be required in response to other cross-code changes, e.g. SEC Modification 0006 which standardises the number of register digits to be displayed on SMETS 2 devices ElectraLink continue to work closely with Xoserve to identify and remedy any inconsistent values within the Meter Product Table
Meter Model Table –Xoserve review of UK Link domains & meter data formats	TBC	TBC	TBC	TBC	<ul style="list-style-type: none"> Xoserve has advised they are progressing their review of domains and logical formats used within central systems with a view to expanding and/or aligning these with the richer domains/formats used within SPAA data flows and other industry flows An initial update was provided by Xoserve to the SPAA Experts Group (SEG) and Xoserve have stated they will bring forward further information/proposals for review by SEG, once they completed an internal review of domains/formats

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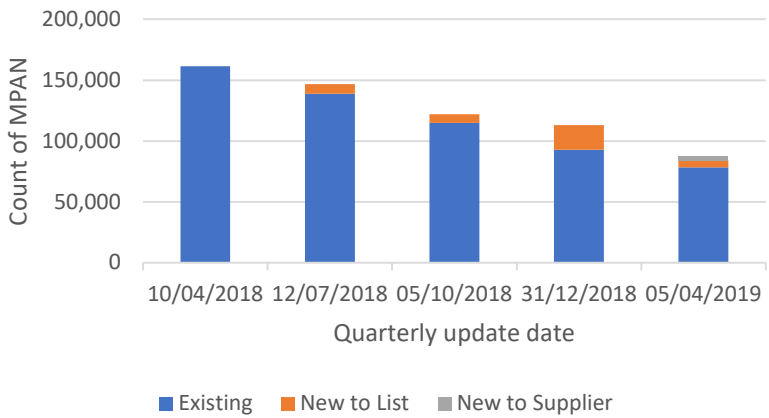


Plot to Postal – April 2019 update

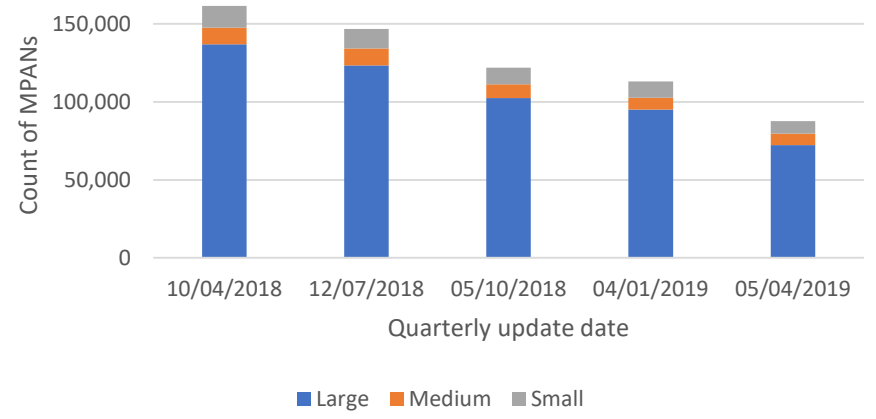
Plot to Postal report contains instances where the word 'plot' is present in the first 3 lines of the address field

- Instances have decreased since April 2018 from 161,507 to 87,645 MPANs (45%)
- Large Suppliers contribute to 82% of all instances of Plot to Postal MPANs with the remaining 18% made from Medium and Small Suppliers

Quarterly update on Plot to Postal split by MPAN status



Quarterly update on Plot to Postal



Since last (January 2019) update :

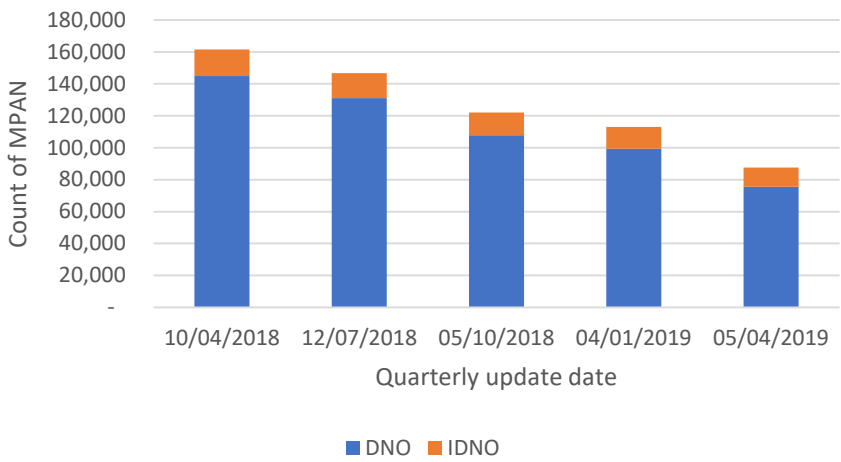
- Total instances have decreased by 25,430 from 113,075 to 87,645 MPANs (22%)
- 5,877 new MPANs added to the list
- 3,426 MPANs have remained on the list but have changed Supplier



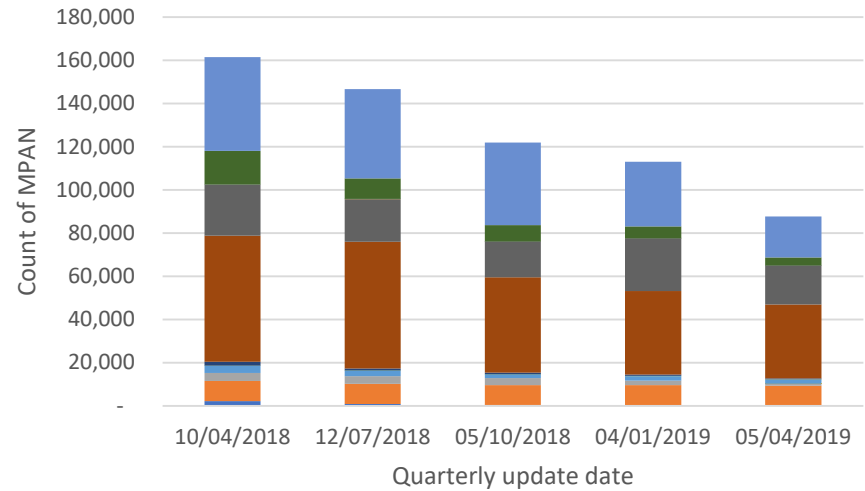
Plot to Postal – April 2019 update

- Instances have decreased since April 2018 from 161,507 to 87,645 MPANs (45%)
- Instances have decreased since January 2019 from 113,075 to 87,645 MPANs (22%)
- DNOs contribute to 86% of all instances of Plot to Postal MPANs with the remaining 14% made from IDNOs

Quarterly change in Plot to Postal by Distributor Size



Quarterly change in Plot to Postal by Distributor



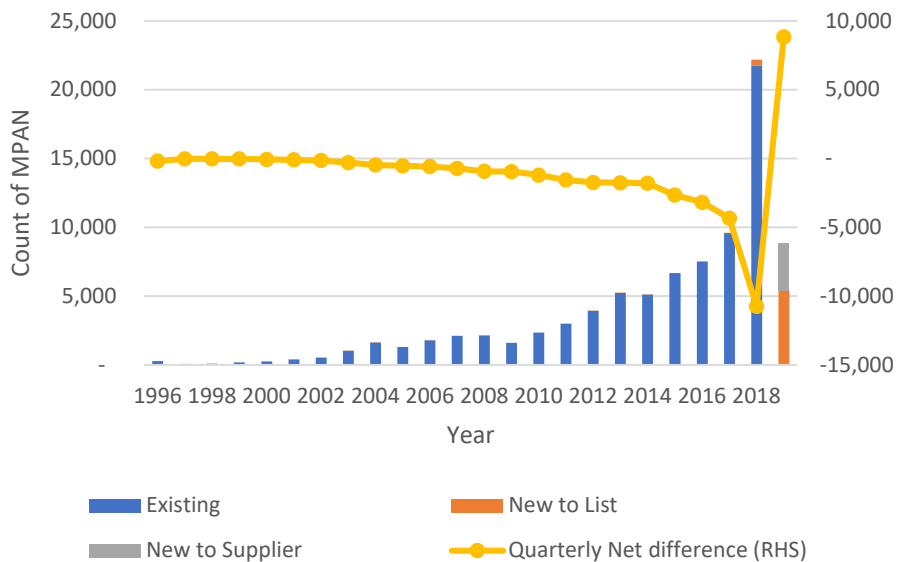
Since last (January 2019) update :

- DNO instances have decreased by 23,828 from 99,446 to 75,618 MPANs (24%)
- IDNO instances have decreased by 1,602 from 13,629 to 12,027 MPANs (12%)
- 5,877 new MPANs added to the list
 - 5,348 DNO
 - 529 IDNO



Plot to Postal – April 2019 update

Summary of April 2019 update based on Energisation Year



- Increase of 21,916 MPANs (8,497%) between 1996 to 2018
- Largest increase of 12,589 MPANs (231%) between 2017 to 2018
- Energisation year of 2018 is the most popular worked Energisation year with a net difference of 10,752 MPANs
- 3,426 MPANs are New to Supplier – meaning they appeared on the list previously and now belong to another Supplier

Related MPANs – Final Pot split

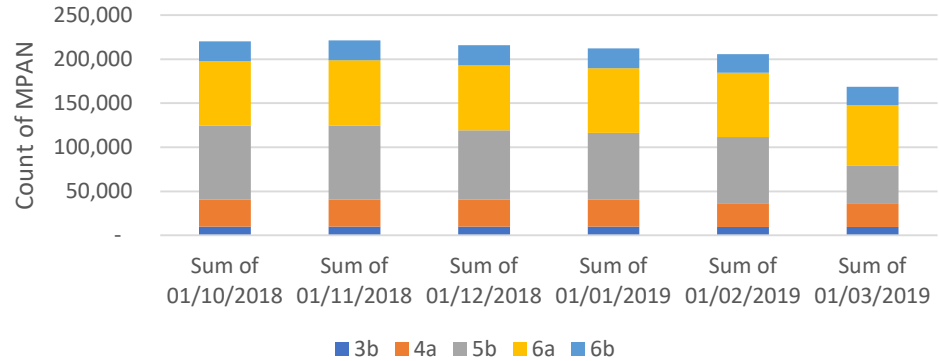


Change between Oct 18 to March 19

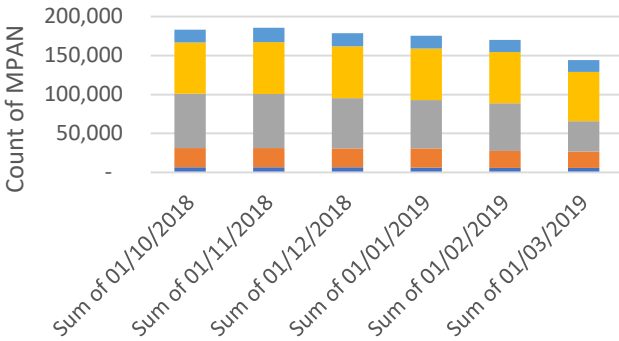
Total: Decrease of 51,674 MPANs (23%)

- 3b: Decrease of 548 MPANs (5%)
- 4a: Decrease of 4,624 MPANs (15%)
- 5b: Decrease of 40,643 MPANs (48%)
- 6a: Decrease of 4,041 MPANs (6%)
- 6b: Decrease of 1,818 MPANs (8%)

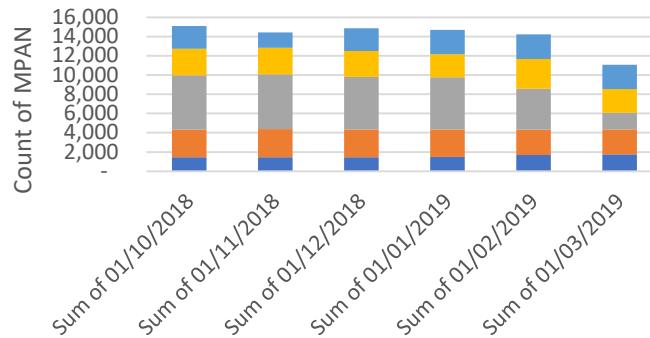
Monthly change of all "Final Pots"



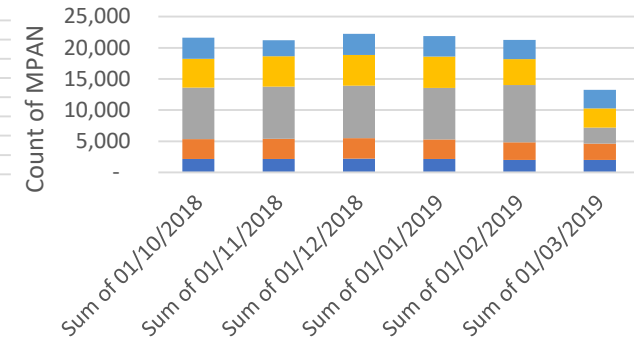
Monthly change in Related MPANs for Large Supplier



Monthly change in Related MPANs for Medium Supplier



Monthly change in Related MPANs for Small Supplier



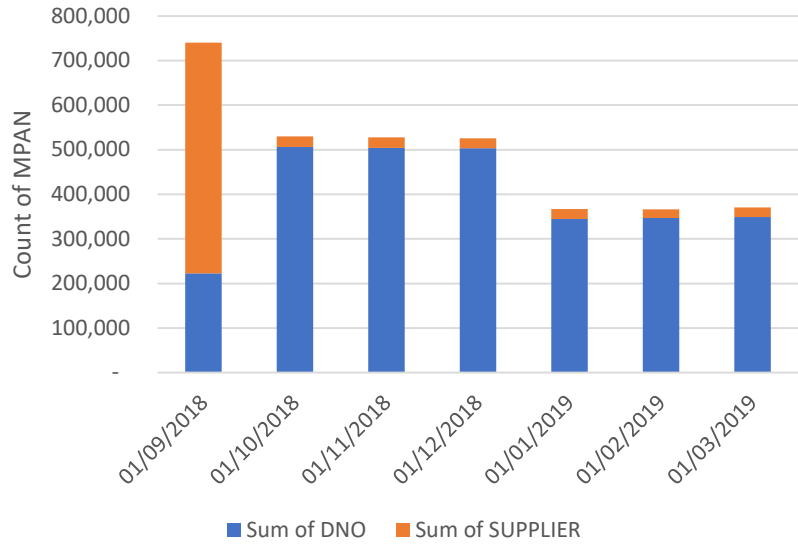
Invalid Topline



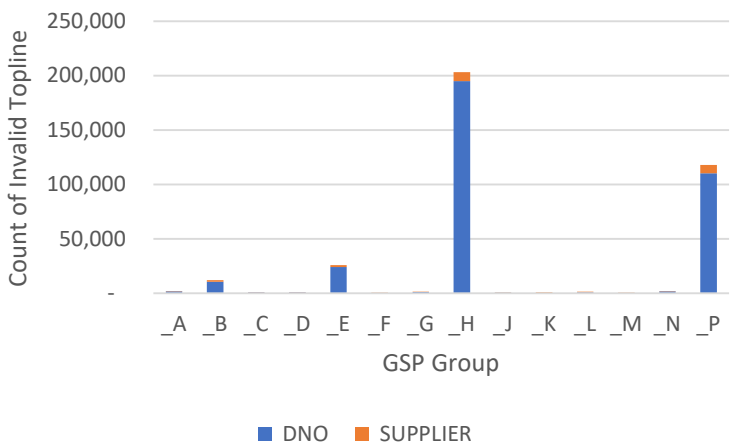
Report shows invalid combination of Topline details. The combination table can be found within the FSEG Huddle reports workspace

- Supplier to resolve instances contribute to 94% of all instances with DNO to fix at 6%
- Instances have decreased in the past five months by 369,907 from 740,199 to 370,292 MPANs (50%)
- Instances have **increased** since last month by 4,421 MPANs (1%)

Monthly change in Invalid Topline split by Party to resolve



GSP Group split of Invalid Topline split by Party to resolve



- Largest instances of Invalid Topline occur in GSP Groups:
 - _H: 203,315
 - _P: 117,908

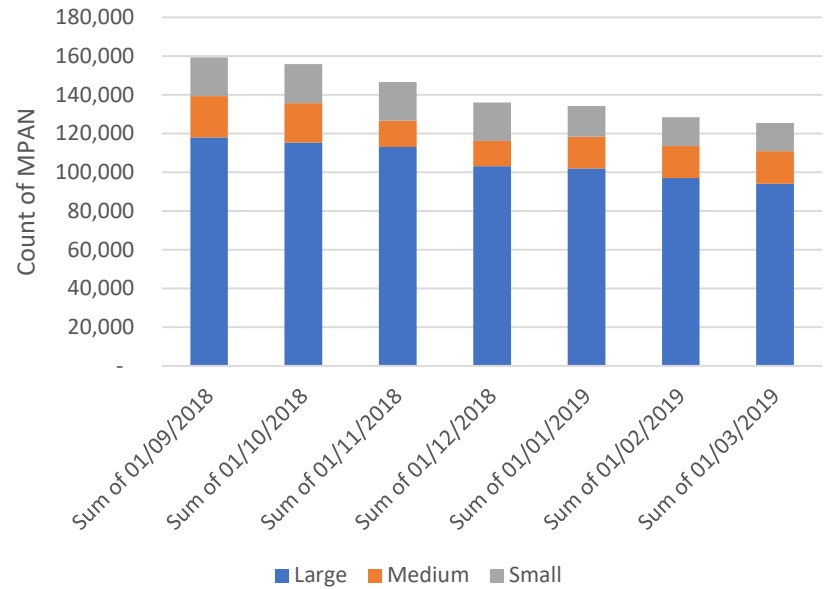
Meter Type Mismatch



Report shows instances of Meter Type Mismatch. The combination table can be found within the FSEG Huddle reports workspace

- Instances have decreased in the past five months by 33,824 from 159,337 to 125,513 MPANs (21%)
- Large Suppliers contribute to 75% of all instances with Medium Suppliers at 13% and Small Suppliers at 12%
- Instances have decreased since last month by 2,908 MPANs (2%)

Monthly change in Meter Type Mismatch split by Supplier size



Consequential Changes		RAG		Completion Date		Commentary
		MAR	APR	Baseline	Forecast	
Update of Meter Details to MPAS (DTC CP 3554)	Implementation / testing of data flow changes	AG	G	Jun-18	Jun-28	The latest set of DTC Release items have been made available on the MRASCo website, required parties will need to pick up the latest version of DTC D0312 and D0304 data flows to start preparations to load into their systems ready for go-live on 28 June.
	Implementation / testing of updated business processes for operations	AG	G	May-19	May-19	A comms plan and framework is currently being created to cover off deliverable FAQ's alongside availability of D0312 Rejection Reports, post migration weekend these will sit alongside a new MPRS Validation Rules document due to be released in April 2019. There are also two consequential CPs being raised to MDB in April (vote in May) which align the DTC changes against MAP14 and 15 and MRA Schedules 2, 3 & 14. MDB will be voting on the consequential changes related to DTC CP3554 with updates provided by 1 May 2019.
	Execution of initial data migration	G	G	Jun-19	Jun-19	Functional and Non-functional testing has now been completed by two respective DNO parties. Confirmation that 1 set of testing has been completed and was successful. Awaiting test output results for 2nd party (due 12 Apr). Awaiting sign off the migration release and new version of MPRS for DNO's to load. It is anticipated the release will be available to parties after the Easter break, with approx. 6 weeks for DNO/iDNOs to upgrade their systems for the dress rehearsal weekend on 14 June. Data Migration will take place 28-30 June
Data Item Creation		RAG		Completion Date		Commentary
		MAR	APR	Baseline	Forecast	
Related MPANS	Related MPAN Data Item creation - MRA CPO256	AG	AG	Jun-18	Jun-28	Following the approval of MRA CPO256, Industry will need to prepare their data for the new indicator for Related Metering Associations for the CSS. The new indicator will need to define the 'Primary' MPAN. - Cleansing ongoing
	Related MPAN Data Flow creation & amendments DTC CP 3550	AG	AG	Jun-19	Jun-19	The latest set of DTC Release items have been made available on the MRASCo website, required parties will need to pick up the latest versions of impacted DTC data flows to start preparations to load into their systems ready for go-live on 28 June.
	Related MPAN transformation/update/operational processes	G	G	Jun-19	Jun-19	Industry Parties are currently progressing their internal data cleanse activities to confirm association of a related MPAN. Gemserv are providing monthly updates through FSEG on suppliers progression and will continue to work with parties where exceptions or business rules need to be applied in given circumstances. Similarly, where requested the anonymised reports can be updated with MPID to allow for cross participant resolution.


■ Significant Risk - Immediate mitigation required
 ■ Increased Risk - Urgent mitigation required
 ■ At Risk - Manageable with mitigation
 ■ On track - But being closely monitored
 ■ On track
 ■ Complete


Data Item Creation		RAG		Completion Date		Commentary
		MAR	APR	Baseline	Forecast	
LEN Indicator	LEN indicator creation – CP TBC	AG	AG	TBC	TBC	No CP to raise through FSEG. Has been passed to IREG for progression at their meeting on 10 April 2019. Reflected in CR-E30 (withdrawn).
Import/Export Indicator	Raising & consideration of programme Change Request	G	G	Apr-19	Apr-19	CR-E37 raised and currently within change process – anticipate DA review 26 April.
	Import / Export indicator creation CP	G	G	Feb-20	Feb-20	CP being raised through FSEG.
Domestic/Non - Domestic Indicator	Domestic/Non Domestic indicator creation - DTC CP 3556	G	G	Jun-19	Jun-19	CP accepted on 29/11/2018. Awaiting Implementation on 27/06/2019. The latest set of DTC Release items have been made available on the MRASCo website, required parties will need to pick up the latest versions of impacted DTC data flows to start preparations to load into their systems ready for go-live on 28 June.
	Domestic/Non Domestic indicator data transformation	G	G	Jul-19	Jul-19	This will be a brand new indicator. Licenced parties will need to assure their systems are able to identify Domestic/ Non Domestic premises under their portfolio and set indicators accurately from the go-live date within the DTC. The indicator will be added to MPAS for June 2019 but will not be populated and used until go live for the CSS in 2021.
RMP Status Indicator	MP Status Data Item creation - DTC CP 3555	G	G	Jun-19	Jun-19	CP accepted on 29/11/2018. Awaiting Implementation on 27/06/2019. The latest set of DTC Release items have been made available on the MRASCo website, required parties will need to pick up the latest versions of impacted DTC data flows to start preparations to load into their systems ready for go-live on 28 June.
	RMP Status transformation	G	G	Jun-19	Jun-19	This will be a brand new indicator. The indicator will be added to MPAS for June 2019 but will not be populated and used until go live for the CSS in 2021.
Metered Status Indicator	Metered Indicator Item Creation - DTC CP3557	G	G	Jun-19	Jun-19	CP accepted on 29/11/2018. Awaiting Implementation on 27/06/2019. The latest set of DTC Release items have been made available on the MRASCo website, required parties will need to pick up the latest versions of impacted DTC data flows to start preparations to load into their systems ready for go-live on 28 June.
	Metered Indicator transformation	G	G	Jun-19	Jun-19	This will be a brand new indicator. The indicator will be added to MPAS for June 2019 but will not be populated and used until go live for the CSS in 2021.

 Significant Risk - Immediate mitigation required

 Increased Risk - Urgent mitigation required

 At Risk - Manageable with mitigation

 On track - But being closely monitored

 On track

 Complete

Other		RAG		Completion Date		Commentary
		MAR	APR	Baseline	Forecast	
Meter Point Address Data	Review of Meter Point Address Data	G	G	Ongoing	Ongoing	Gemserv via FSEG are providing monthly reports to engaged programme parties for potentially erroneous meter point address data. These are presented to the required parties to resolve via their internal processes and contractors.
	Identification of incomplete addresses	G	G	Ongoing	Ongoing	Gemserv via FSEG are providing updated reports, similarly they are working with engaged parties to ensure duplicated actions are not taking place where a CoS may have occurred or is being progressed. It has been noted that some 'Plot' address lines are not actually erroneous and should remain.

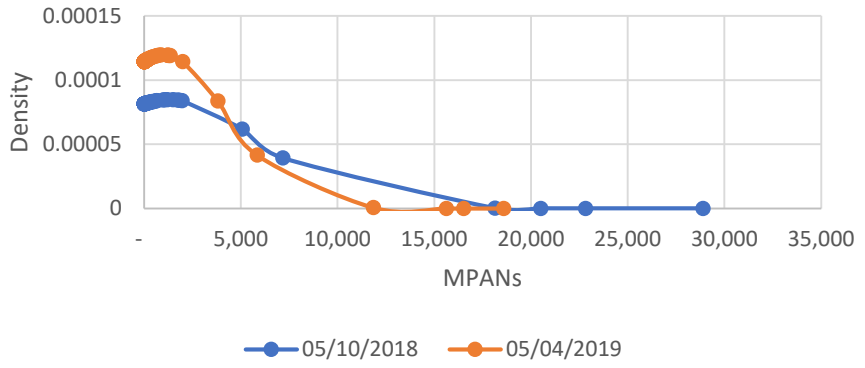
ECOES DBT Activity		RAG		Completion Date		Commentary
		MAR	APR	Baseline	Forecast	
Erroneous Switch Indicator	Erroneous Switch indicator Data Item creation - CP TBC	AG	AG	TBC	TBC	CP still to be progressed for this new indicator.
REL Process	Creation, testing & implementation of new processes to hold a location address	AG	AG	Jun-21	Jun-21	CSSP / Address Service Provider to be procured and recommendations to be made. Until the physical design has been baselined there is a working at risk approach which has been adopted. Designs are being managed under the logical design requirements. A full GAP analysis will need to be completed at regular intervals to ensure the overall business requirements are accurate for the given stage within the programme.

Report Appendix



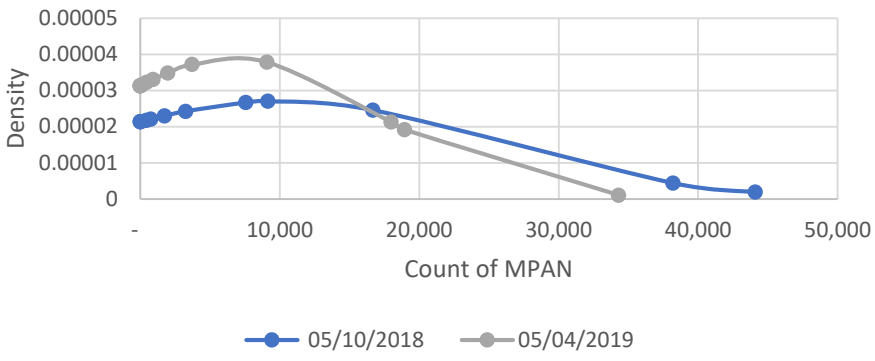
Plot to Postal

Supplier Comparison between Oct 18 and April 19 Count of Plot to Postal



- Supplier average decreased by 247 MPANs (20%)
- Largest single Supplier count is 18,576 MPANs

Distributor Comparison between Oct 18 and April 19 Count of Plot to Postal



- Distributor average decreased by 2,681 MPANs (28%)
- Largest single Distributor count is 34,303 MPANs

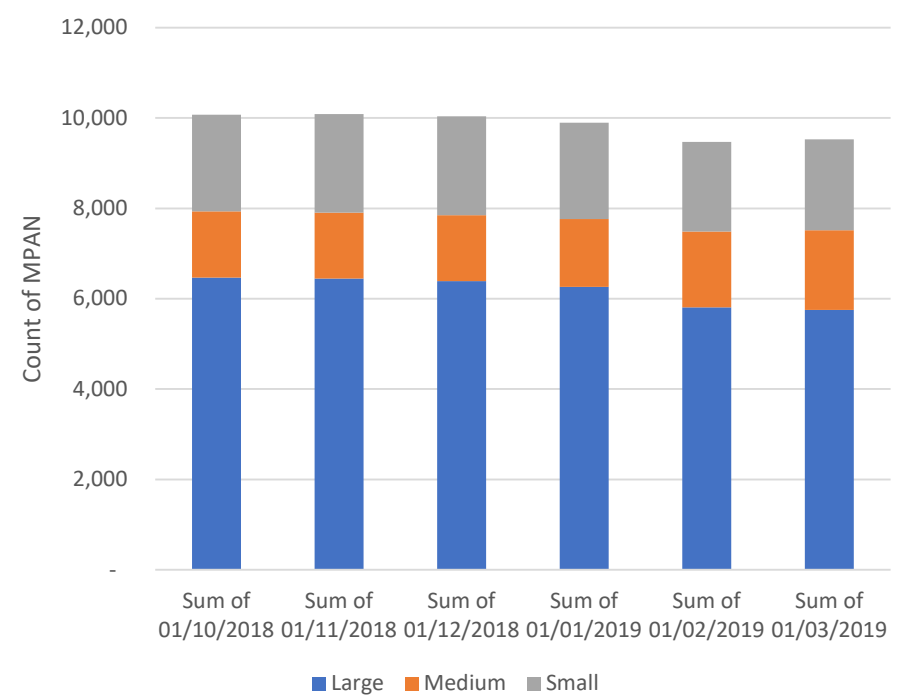


Related MPANs – Report 3b

Report 3b contains instances of Related MPANs with more than one related MTC MPAN at an address that is split between Suppliers

- Large Suppliers contribute to 60% of all instances of report 3b MPANs with Medium Suppliers at 19% and Small Suppliers at 21%
- Instances have decreased in the past five months from 10,074 to 9,526 MPANs (6%)
- There has been an **increase** of 53 MPANs since last month
 - Due to **Small Suppliers increasing by 27** and **Medium Suppliers increasing by 82**

Monthly change in Related MPANs 3b report



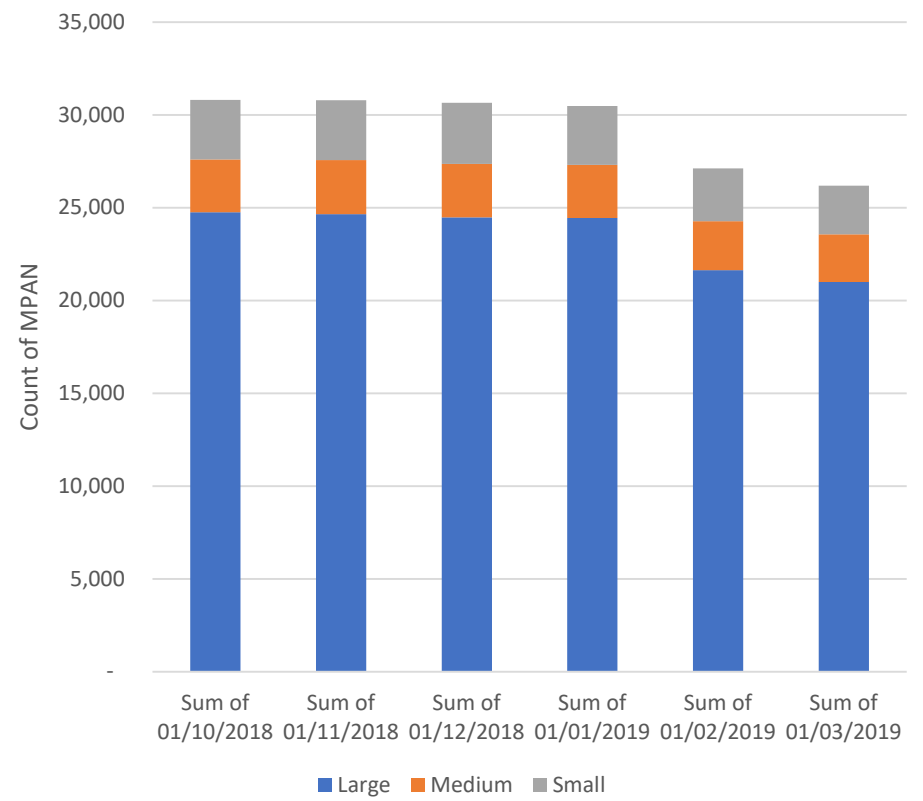


Related MPANs – Report 4a

Report 4a contains instances of Related MPANs with only a single related MTC MPAN at an address that is disconnected

- Large Suppliers contribute to 80% of all instances of report 4a MPANs with Medium Suppliers at 10% and Small Suppliers at 10%
- Instances have decreased in the past five months from 30,805 to 26,181 MPANs (15%)

Monthly change in Related MPANs 4a report



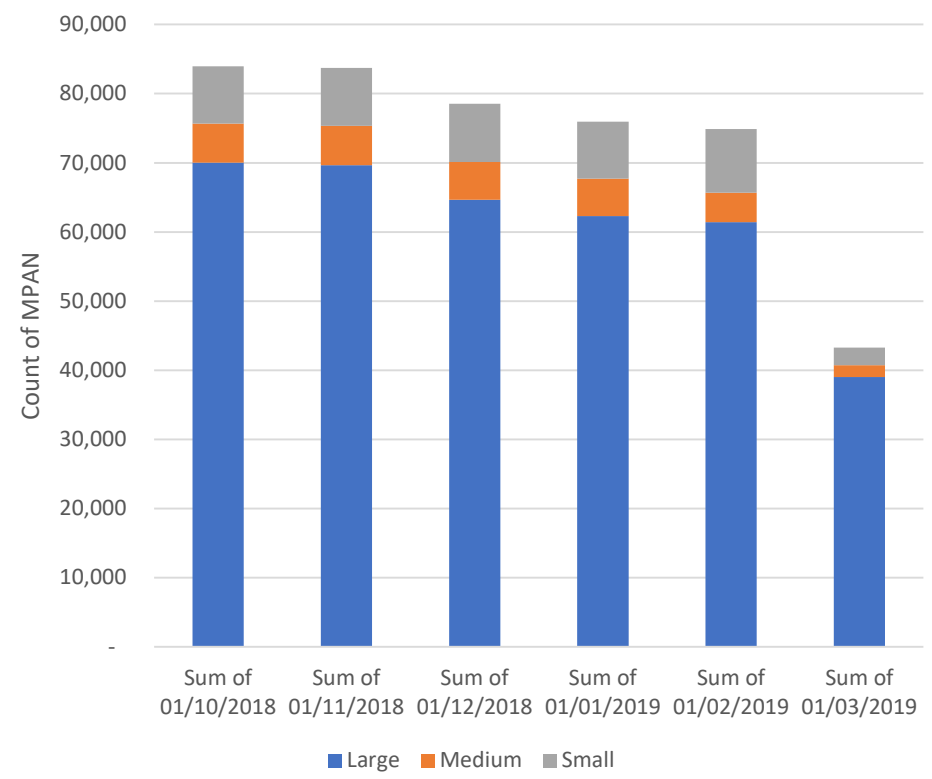


Related MPANs – Report 5b

Report 5b contains instances of Related MPANs with only a single related MTC MPAN at an address that has no disconnection with no other MPAN at the address (disconnected or not)

- Large Suppliers contribute to 90% of all instances of report 5b MPANs with Medium Suppliers at 4% and Small Suppliers at 6%
- Instances have decreased in the past five months from 83,936 to 43,292 MPANs (48%)
- There has been an decrease of 31,582 MPANs since last month
- Due to Small Suppliers decreasing by 6,658, Medium Suppliers increasing by 2,521 Large Suppliers decreasing by 22,403

Monthly change in Related MPANs 5b report



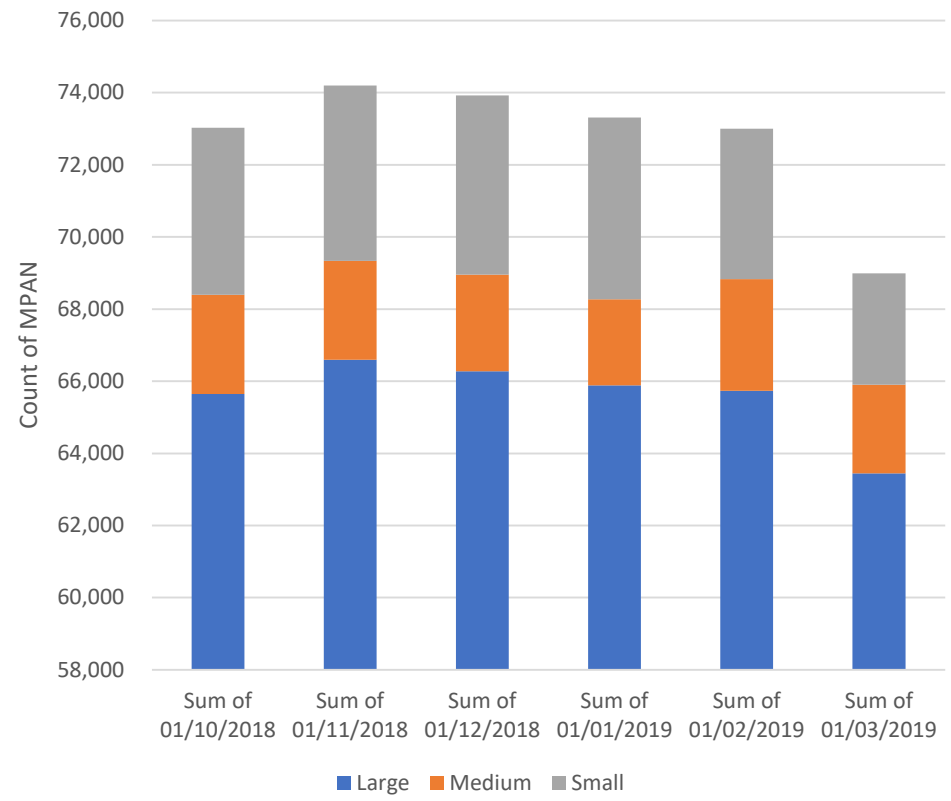


Related MPANs – Report 6a

Report 6a contains instances of Related MPANs with only a single related MTC MPAN at an address that has other unrelated MTCs MPANs at the address (including other MPANs) and the Supplier is the same for all MPANs

- Large Suppliers contribute to 92% of all instances of report 6a MPANs with Medium Suppliers at 4% and Small Suppliers at 4%
- Instances have decreased in the past five months from 73,032 to 68,991 MPANs (6%)

Monthly change in Related MPANs 6a report



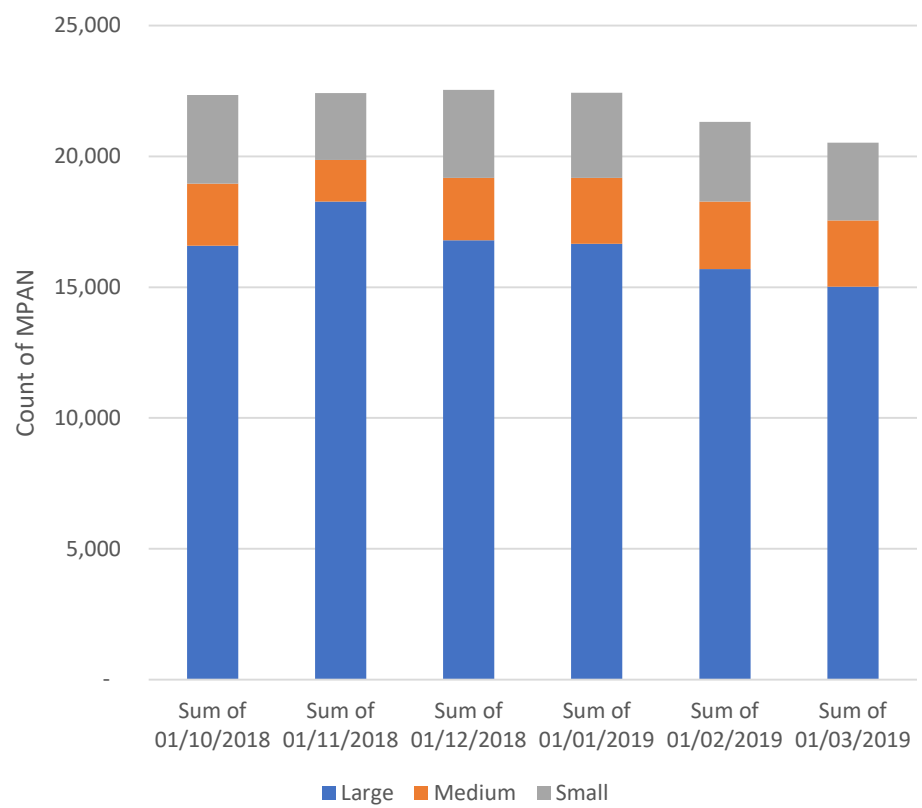









Related MPANs – Report 6b

Report 6b contains instances of Related MPANs with only a single related MTC MPAN at an address that has other unrelated MTCs MPANs at the address (including other MPANs) and the Supplier is split for MPANs

- Large Suppliers contribute to 73% of all instances of report 6b MPANs with Medium Suppliers at 12% and Small Suppliers at 14%
- Instances have decreased in the past five months from 22,341 to 20,523 MPANs (8%)

Monthly change in Related MPANs 6b report



Risk Theme	Theme Description	Theme Rating	Risk Trend	Summary Progress Update
<u>Industry Engagement & Planning</u>	Risks in relation to industry engagement with data related activity including cleansing as well as clarity/achievability on planning	Medium		<ul style="list-style-type: none"> * Data Working Group stood up early in advance of DBT phase with good representation from across industry. * Progress reporting in development for DWG which will be shared with Implementation Group. * Ofgem / Programme Coordinator to work with ESPs to identify and address industry parties where greater engagement / activity is required. * Industry and Ofgem planning is progressing, with further detail to come when DBT plan is baselined in May.
<u>Existing System Changes & Transitions</u>	Risks in relation to implementation of changes to existing systems (MPAS/ECOES/UK LINK) ahead of transition stage 1. Includes creation of new data items/indicators and data migration.	Medium		<ul style="list-style-type: none"> * Work ongoing across existing industry systems to progress Stage 0 changes. Concerns raised by DNOs on Phase 0 MPAS changes being explored further. * Major MPRS release scheduled for June - system changes on track for delivery but some uncertainty on cutover process for related MPAN change. * Risk over over BSC SVG approval of BSC 1515 closed hence improvement in trend. * MAP ID field to be included in UK Link in July with transfer to Xoserve of mastery of Supplier/Shipper mapping on track for February 20.
<u>CSS Transition & Migration</u>	Risks in relation to data migration and transition activity to CSS. This includes management of in-flight switches, delta loads and any temporary interfaces.	Very Low		<ul style="list-style-type: none"> * Data Assurance Framework in development which will seek to address many risks in this theme. * Risks to be reviewed further with completion of physical design. * SI mobilisation in progress ahead of further development of data migration/transition approach and plans.
<u>Data Quality & Cleansing</u>	Risks in relation to cleansing of industry data ahead of transition stage 1 and all aspects of data quality.	Low		<ul style="list-style-type: none"> * Data Working Group to commence monitoring of progress on data cleansing activity, with escalation to Implementation Group as necessary. * Electricity MAP ID data quality issues identified ahead of ECOES-MPAS migration, cleansing approach developed by C&C and awaiting approval by FSEG. * LDM Spreadsheet with existing industry data mapping developed and shared at April DWG with further cleanse prioritisation to follow.
<u>Address Matching & REL Creation</u>	Risks in relation to the address matching and REL creation and update process. Includes rules, formats, standards and address testing.	Medium		<ul style="list-style-type: none"> * Delay to DBT start increases proximity and hence trend, overall DBT planning mitigations will address.* Plot to Postal address cleansing in progress across both electricity and gas systems. * Profiling of addresses in UK Link completed to identify address quality issues with shipper portfolio reporting to commence to assist cleanse. Similar activity to be required in electricity. * Early engagement with Address Service provider planned to support address match/REL creation approach.
<u>Design (Logical & Physical)</u>	Risks in relation to data impacts of design both logical and physical. Includes management of change, adaptability, interface design as well as capability.	Medium		<ul style="list-style-type: none"> * Delay to DBT start increases proximity and hence trend, overall DBT planning mitigations will address. *Change Requests to update Logical Data Model (ABACUS) have been approved which will address issues previously identified. * Data Management Principles developed and in final review to provide clarity on design approach, roles & responsibilities, cleansing and quality.
<u>GDPR & Security</u>	Risks in relation to industry data in the context of GDPR and broader information security.	Very Low		<ul style="list-style-type: none"> * Programme Privacy Impact Assessment (PIA) & Information Risk Assessment (IRA) currently in review with recommendations to follow. * Programme Security Advisory Group being stood up. * Testing working group to be stood up during May - plan close working in relation to test data.

Risk ID	Risk Theme	Risk Description (Including potential consequences)	Risk Proximity	Controls in Place	Severity	Severity Score	Likelihood	Likelihood Score	Risk Score	Summary Progress Update for Period	Risk Owner	Date Risk was raised
R107	Existing System Changes & Transitions	Related MPAN Migration - There is a risk that the related MPAN migration may be delayed due to system change delays.	Short Term (1-3 months)	* Gemserv & SCS PM of migration project	Major	4	Possible	3	12	1) DWG to track progress on system changes and data cleansing with FSEG to progress further remedial actions as necessary - ongoing 2) FSEG agreed approach for migration - timing TBC in May.	FSEG	21/02/2019
R109	Address Matching & REL Creation	Address Matching - There is a risk that REL creation is delayed and quality compromised by uncertainty over address standards, format and rules.	Short Term (1-3 months)	* Planned Data Assurance activity to be undertaken	Major	4	Possible	3	12	1) Ofgem to engage with Address Service Provider once appointed to provide clarity to DWG on addressing approach - Delayed to May 2019 2) Specific Data Assurance Deep Dive planned (in Data Assurance Framework) over Address Matching (ahead of industry testing)	Andrew Amato	21/02/2019
R116	Design (Logical & Physical)	Logical Data Model - There is a risk that the LDM does not fully support the data requirements of all sites or ESP functions. This could result in the incorrect specification of the physical design and interfaces leading to change and delay.	Short Term (1-3 months)	* DWG / FSEG and industry reviews of LDM	Major	4	Possible	3	12	1) Final review of LDM mapping completed and shared with DWG (March). 2) Change requests for data model changes approved by DA - design being updated.	Andrew Amato	21/02/2019
R123	Existing System Changes & Transitions	MPAS Stage 0 Changes - There is a risk that industry is unclear delivery/cutover approach for the range of MPAS changes which could compromise operation of MPAS post release.	Short Term (1-3 months)	* Conference call with DNOs to be arranged to explore risk further * Comms / cutover plan to be developed by Gemserv	Moderate	3	Possible	3	9	1) Conference call held (16 Apr) with DNOs to explore concerns with actions agreed and being taken forwards	FSEG/DNOs	09/04/2019
R110	Industry Engagement & Planning	Industry Engagement - There is a risk of a lack of engagement from some industry parties in data cleanse activity. This could result in insufficient progress causing delay to subsequent programme activity.	Medium Term (4-6 months)	* Early formation of DWG to drive engagement * Programme Coordinator Industry Coordination function	Major	4	Possible	3	12	1) Gemserv & Xoserve to identify parties not engaging in cleanse activity and agree appropriate response with Ofgem - Ongoing 2) Licensed Party Assurance provider will review progress on data quality and data remediation activities	Andrew Amato	21/02/2019

4. SI Update



ofgem

Making a positive difference
for energy consumers

Data
Communications
Company

Contents

1. Data Migration
2. Test Data Approach

netcompany

Core Systems
Integrator

1

Data Migration

Assumptions

The Systems Integrator is responsible for agreeing, defining and managing the Data Migration for Switching. Initial analysis is based on the following high-level assumptions:

- No data transformation will take place for the Registration data extracted from the source systems, and any other required data transformation will take place on CSS
- The physical data transport mechanism from the source systems to the Central Switching Service is to be decided. The SI will ensure appropriate security mechanisms are in place.
- Testing of the Data Migration solution must include functional and non-functional (volume and performance) testing.
- A Data Migration rehearsal will be required for each source system i.e. for data from UK Link and for data from each of the 27 MPAS services
- Data Migration stakeholder engagement and communications will take place through the Data Working Group
- Single Points of Contact/ Data Owner will be identified for Electricity and Gas to facilitate the Data Migration design work
- Visibility of Data Quality Metrics for Stage 0 Migration Activities and Data Cleansing Activities is required to feed into stage 1 activities.

2 Test Data

Principles

In line with the Ofgem E2E Testing Plan, the Switching Systems Integrator is proposing the following principles for Test Data:

- Pre-Integration Test Data will be the responsibility of each Licensed Party and Service Provider
- For the integrated Test Phases, the Systems Integrator is responsible for defining, maintaining and allocating Test Data
- For CSS, the SIT and UIT environments will be non-Production Scale, Pre-Production will be Production scale
- The SI will drive Test Scenarios through the allocation of Test Data
- Re-use of Production Data is recommended for the integrated Test Phases, both functional and non-functional
- Anonymisation of Production Data will be achieved through changing the relationships between:
 - MPxN and Address
 - MPxN and Supplier
- Central Data Service Providers will be expected to:
 - Assist the SI in the definition of Test Data, including nomination of Single Points of Contact / Data Owners
 - Assist the SI in provision of data extracts
 - Have the capability to load, reload and reset data in test environments
 - Along with the SI, manage data in line with relevant security policies

5. Draft Data Specification Product Description



Andrew Amato & John Wiggins
Ofgem / Electralink

- A REC Technical Specification document will be developed to provide information defining the Central Switching Service (CSS) and how REC and other relevant parties will fulfil their obligations to interact with the CSS and each other.
- The Technical Specification will include the following: -
 - Service Definition
 - Security Operating Framework
 - Data Specification
 - Testing Specification
- The approach for the development of the Technical Specification will be included in our May regulatory consultation.
- A *draft* Product Description has been developed for the Data Specification – **views from DWG are welcomed** particularly in relation to any omissions.
- We plan to approve the PD in early May to support the development of the physical interface design.

6. MRA Consequential Changes update





Consequential Changes to the MRA

Update from workshop 1

Background



- A proposed workplan was presented to FSEG on 2nd April 2019, to draft the consequential changes to the MRA as a result of the designation of REC V2.0 and CSS go-live.
- This grouped the MRA into 10 categories and split these into 4 priority groups based on the perceived impact to party systems and processes.
- The first of four proposed focused workshops took place on 15th April 2019 that focused on the following categories:
 - Registration and Change of Supplier Procedures
 - Disconnection and De-registration
 - MPAS Data Management
 - MPAS Service and Technical Requirements

Registration



- MPAS will send a D0217 and D0260 to the New Supplier when they receive the Synchronisation Message from the CSS informing that the Registration is 'Pending'.
- MPAS will default to the existing values until a D0205 is received by the New Supplier
- The New Supplier can notify items for which they're responsible when the Registration Status is 'Pending' or 'Active' by sending a D0205.
- Where a Registration is Cancelled, due to an Objection, Withdrawal or Annulment, MPAS will notify the Old Supplier of changes made to data items by the New Supplier (D0213) or Distributor (D0089) while the Registration was Pending.
- The following data flows will be deleted – D0055, D0057, D0058, D0064, D0065, D0066, D0067, D0068, D0069, D0090, D0091, D0259, D0358

Disconnection and De-registration



- Where the Distributor disconnects an MPAN, the MPAN status will be updated to 'Disconnected' and the RMP Status will be updated to 'Terminated'. However, the Supplier will still be registered and agents will still be appointed.
- The Supplier will send a Deregistration Request to the CSS to update the Registration Status to Inactive.
- On receipt of the Synchronisation Message informing that the Registration is Inactive, MPAS will notify the Supplier and Data Aggregator.
- The Effective To Settlement date will be the De-registration date and not the Disconnection date.

MPAS Data Management



- MPAS will no longer be responsible for providing Objection reporting to the Authority.
- New provisions will need to be added to the MRA to allow the CSS to request a Refresh or Resend from MPAS.
- Change of Tenancy Indicator will be removed from Schedule 2.
- Supplier Id and Effective From Settlement Date {REGI} will become CSS responsibility in Schedule 2.
- Effective to Settlement Date {REGI} and Metered Indicator will be added to Schedule 2

Retrospective Amendments



- Non-Switching related aspects of Retrospective Amendments will remain unchanged.
- The ability to correct an Erroneous Transfer and amend an initial registration for New Connections will be removed.
- A risk was identified that the inability to retrospectively amend an initial registration for a new connection could lead to consumer detriment as this process is used regularly where a Supplier is unable to fulfil the meter installation requirements after they have registered. It was agreed Gemserv would raise this at the Design Forum to clarify if this has been considered in the CSS design.

MPAS Service Levels and Liquidated Damages



- Several processing activities are subject to Service Levels that an MPAS Provider is required to meet in respect of its Total Daily Processing.
- The MPAS Provider is also required to make liquidated damages payments to the BSC Agent and/or Suppliers where it fails to meet these Service Levels.
- It was agreed that we will not propose any amendments to the Service Levels or Liquidated Damages payments for MPAS Providers. The references to registration will be removed and the service levels will remain the same of remaining processing activity.

Design Issues



- In addition to the risk around retrospective amendments, 2 other issues were discussed for Gemserv to raise at the Design Forum:
 - A workshop participant noticed that the current design documentation says that a registration cannot be accepted unless it has an RMP Status of 'Operational'. This wouldn't be suitable for Initial Registration Requests where the RMP Status will always be 'Created'. Participants noticed this is likely an oversight will be raised at the Design Forum.
 - A number of concerns were discussed around the de-registration process and how this will interact with the disconnection process. The disconnection is always likely to be past dated and there is an expectation that the de-registration date would be the same as the disconnection date. This means the CSS would need to accept a de-registration date in the past. This raised additional concerns around how this would be managed if the disconnection date was prior to the current suppliers registration date. Likewise, concerns were raised around how an MPAN should be treated when it is disconnected and not de-registered and if this will have an impact on charging and/or settlement.

Next Steps



- Gemserv will raise the issues identified with the Design Forum.
- Based on the discussions at the workshop, and the response from the Design Forum, Gemserv will make draft changes to the MRA and MRA Products.
- A second workshop will be convened in mid-May to review the drafted changes and confirm if they reflect the processes agreed in the meeting.
- After the text is agreed at the workshop, it will be presented to the next FSEG meeting at which point the work on the next Priority Group will begin.

Any questions?

7. Forward Look



May

- Standing Items
 - Data risks
 - Progress reporting
- REL Refresh – overview of creation & use
- Electricity Stage 0 Readiness
- Consultation on REC Data Management Schedule & Technical Specification Approach

June

- Standing Items
 - Progress reporting
- Data Risk Deep Dive
- Introduction to CSS Provider
- Approach to REL creation & address testing
- Data migration approach

July

- Standing Items
 - Data risks
 - Progress reporting
- Approach to physical design
- Data Assurance Plan
- Address Matching rules

8. AOB



Our core purpose is to ensure that all consumers can get good value and service from the energy market. In support of this we favour market solutions where practical, incentive regulation for monopolies and an approach that seeks to enable innovation and beneficial change whilst protecting consumers.

We will ensure that Ofgem will operate as an efficient organisation, driven by skilled and empowered staff, that will act quickly, predictably and effectively in the consumer interest, based on independent and transparent insight into consumers' experiences and the operation of energy systems and markets.