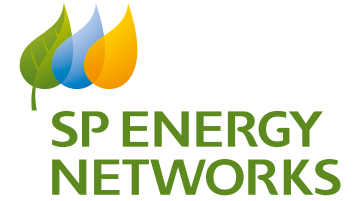


Unmetered Supplies

Update on our ESRI system

Correct from May 2020



1. Overview of work



1. Overview of work

2. Results from Corrections

3. Summary of Workstream

Following an ICE action, the business has provided data for a number of un-metered cabinets. There was a requirement for these cabinets to be plotted in ESRI accurately to ensure the un-metered cabinet owner is notified in the event of a planned outage. Investigations were carried out to establish whether these cabinets were currently represented in ESRI and if so, how accurately they were plotted and what asset currently represents them. The nearest point of connection was also established for cabinets which are not currently represented in ESRI.

2,366 Cabinets were investigated initially to try and identify a cabinet on ESRI, or where a cabinet could be digitised.

After investigations,

- **319 cabinets** were returned to the un-metered stakeholder to seek further information on the location of the cabinet
- **151 cabinets** were returned to the Business to confirm the connection point of the cabinet

Corrections consisted of three phases

- **Phase 1:** Updating existing UMSTs or MSTs with the UNIT ID in ESRI
- **Phase 2:** Digitising Cabinets in ESRI using assumed LV service cables or connectors
- **Phase 3:** Digitising cabinets in ESRI using updated co-ordinates to place cabinets that could not be identified in Street View

2. Results from Corrections, Phase 1



BR No	Business Rule	Volume	%
1	Cabinet no Longer Exists in ESRI	0	0%
2	Cabinet Updated in ESRI	1,341	98.75%
3	Cannot Update the Cabinet in ESRI	17	1.25%
Total		1,358	

1,341 MST/UMSTs were updated with

- The UNIT ID in the 'Customer Information System ID' attribute field
- 'Customer PCP' in the (Un)Metered Termination attribute field

17 MSTs/UMSTs were not updated as

- **13 MSTs** were location in a building and represented customer meters, not stakeholders un-metered PCP cabinets
- **3 UMSTs** already had the Unmetered Termination field populated with 'Unlisted Type' which indicates the UMST is not a PCP cabinet
- **1 MST** already had the Metered Termination field populated with 'IDNO Connection'

The **17 MSTs and UMSTs** that could not be updated, were included in Phase 3 corrections



1. Overview of work

2. Results from Corrections

— Phase 1

— Phase 2

— Phase 3

— Overall

3. Summary of Workstream

2. Results from Corrections, Phase 2



1. Overview of work

2. Results from Corrections

— Phase 1

— Phase 2

— Phase 3

— Overall

3. Summary of Workstream

BR No	Business Rule	Volume	%
1	Cabinet and Assumed Service Digitised in ESRI	284	43.89%
2	The distance from the cabinet location to the LV network is greater than 50m	17	2.63%
3	Stakeholder cabinet locations cannot be identified in Street View	212	32.77%
4	An UMST/MST already present in ESRI that can used to represent the cabinet – UNIT ID updated in UMST/MST	50	7.73%
5	Cabinet digitised and energised using a connector in ESRI	84	12.98%
Total		647	

418 UNIT IDs were updated in ESRI

- 368 cabinets were digitised (BR 1 & 5)
- 50 existing MSTs or UMSTs were updated (BR 4)

229 UNIT IDs were not updated as the cabinet could not be identified in Street View or the LV network connection point is greater than 50m from the cabinet location (BR 2 & 3).

- 17 MSTs and UMSTs that could not be updated as the connection point is greater than 50m away, were included in Phase 3 corrections (BR 2)

2. Results from Corrections, Phase 3



1. Overview of work

2. Results from Corrections

— Phase 1

— Phase 2

— Phase 3

— Overall

3. Summary of Workstream

BR No	Business Rule	Volume	%
1	An UMST/MST already present in ESRI that can be used to represent the cabinet – UNIT ID updated in UMST/MST	89	17.12%
2	Cabinet digitised in ESRI at the co-ordinate location and energised using an assumed LV service cable	197	37.88%
3	Cabinet digitised in ESRI at the co-ordinate location and energised using a connector	131	25.19%
4	Cabinet digitised in ESRI at the location identified in Street View and energised using an assumed LV service cable	51	9.81%
5	Cabinet digitised in ESRI at the location identified in Street View and energised using a connector	29	5.58%
6	The distance from the cabinet to the LV network is greater than 50m	23	4.42%
Total		520	

497 have been represented in ESRI (BR 1, 2, 3, 4, & 5)

23 UNIT IDs were not updated as the nearest LV network connection point is greater than 50m from the cabinet location (BR 6).



2. Results from Corrections, Overall



Outcome	Volume	%
UNIT ID updated in existing MSTs or UMSTs	1,479	62.51%
Cabinet digitised in ESRI - UNIT ID update	778	32.88%
LV connection point is over 50m away from the cabinet location	70	2.96%
Cabinet has been found to be outside licence area	39	1.65%
Total	2,366	

2,257 cabinets added to ESRI

- 1,479 UNIT IDs added to existing UMSTs or MSTs in ESRI
- 778 UMSTs digitised and updated with the UNIT ID

109 cabinets could not be added to ESRI

- The LV network connection point is over 50m away from 70 of the cabinets
- 39 cabinets are not in the Licence Area

1. Overview of work

2. Results from Corrections

— Phase 1

— Phase 2

— Phase 3

— Overall

3. Summary of Workstream

3. Summary of Workstream



1. Overview of work

2. Results from Corrections

3. Summary of Workstream

Outcome	Volume	%	Next Steps
Cabinet represented in ESRI – UNIT ID updated	2,257	95.39%	No further action. Correction completed by NDIP
Cabinet not represented - LV connection point is over 50m away from the cabinet location	70	2.96%	Stakeholder unable to identify these assets as required
Cabinet not represented - Cabinet has been found to be outside licence area	39	1.65%	Inform Stakeholder not in our licence area
Total	2,366		

