

255 kVA Connection to Tern Valley Business Park

Customer: Matrix IDC M A T R I X

Shropshire County Council 

DNO: Western Power Distribution 

Location: Market Drayton, Shropshire, UK

The 2 new substations at Tern Valley Business Park have been installed in 2010 by GEW2 but never connected due to the customer's requirements. However in 2014 Shropshire Council requested a full refurbishment of the 2 substations with the aim to provide the required connection to the 17 new units built by Matrix and adopted by WPD.

While working on connecting the 17 new units, GEW2 has fully refurbished and tested the 2 existing substations to satisfy all WPD requirements which resulted in successful adoption and connection on time.



Refurbishment of 2 old WPD subs

Scope for Shropshire Council:

- Scope for Shropshire council
- Refurbishment of 2 x HV substations built in 2010 but never connected
- Earthing survey
- Full WPD design submission
- Ring connection to WPD network
- Full set of testing and commissioning

Scope for Matrix:

- Supply and installation of WPD LV cable to 17 new units
- Supply and Installation of 17 cut outs
- Supply and Installation of 1 200 kVA supply (added at the last minute prior to connection)
- Disturbing loads study

New WPD LV connection



Cable to the new 17 units

