

| Category                          | Source   | Infrastructure Project   | Indicative Delivery Date           | Estimated Cost | Funding Sources     | Funding status | Lead Delivery Agency |
|-----------------------------------|----------|--|------------------------------------|----------------|---------------------|----------------|----------------------|
| <b>Electricity Infrastructure</b> |          |  |                                    |                |                     |                |                      |
|                                   |          | Upgrades to Hemel East primary substation: Installation of 1 x new 33kV circuit from Piccotts End Grid and installation of a new 12/24 transformer.<br>Hemel Hempstead.                              | 2012                               | £3.5m          | UKPN and developers | Unknown        | UKPN                 |
|                                   |          | Upgrades to Warners End primary substation: Installation of 2 x new 33kV circuits from Piccotts End Grid, replacement of 2 transformers and replacement of the 11kV switchboard.<br>Hemel Hempstead. | 2020                               | £4.8m          | UKPN and developers | Unknown        | UKPN                 |
|                                   |          | Alterations to Frogmore primary substation: Load transfers to Hemel East and Warners End (once reinforced).<br>Hemel Hempstead.  | Following necessary reinforcements | £338K          | UKPN and developers | Unknown        | UKPN                 |
|                                   |          | Upgrades to Berkhamsted primary substation: Installation of 2 x new 33kV circuits from Lye Green Grid and replacement of 11kV switchboard.<br>Berkhamsted  | Unknown                            | £4m            | UKPN and developers | Unknown        | UKPN                 |
|                                   |          | Upgrades to Ilmer Grid substation: Installation of 2 x new 90mVA transformers and replacement of the 33kVA switchboard. Borough wide   | Unknown                            | £5.6m          | UKPN and developers | Unknown        | UKPN                 |
| <b>Gas Infrastructure</b>         |          |  |                                    |                |                     |                |                      |
|                                   | Southern | Dependent on the nature and  | Alongside                          | Unknown        | Developer           | Unknown        | SGN                  |

**Infrastructure Delivery Plan 2016**

**Schedule – Energy**

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|----------|-------------------|--|--------------------------|----------------|---|----------------|----------------------|
|          | Gas Network (SGN) | location of the requested load(s) some reinforcement may be required within the Tring area. The extent of this will only be determined once a developer request has been received. | development              |                | contributions towards system reinforcement will only be required where, the costs of the new scheme exceeds the costs generated by the SGN investment models. |                |                      |