1) Pulau (a) Existing Overhead Transmission Lines

Greater than 55 years since installation: -
41 to 55 years since installation: 1700 metres 16(mm2) (Refer to YELLOW line on image map below)
26 to 40 years since installation: 1150 metres 16(mm2) (Refer to PURPLE line on image map below)
16 to 25 years since installation: -
6 to 15 years since installation: -
1 to 5 years since installation: -

2) Top Road (b) Existing Overhead Transmission Lines

Greater than 55 years since installation: -
41 to 55 years since installation: 1550 metres 16(mm2) (Refer to YELLOW line on image map below)
26 to 40 years since installation: -
16 to 25 years since installation: 750 metres 16(mm2) (Refer to PURPLE line on image map below)
6 to 15 years since installation: -
1 to 5 years since installation: -

3) Landing (c) Existing Overhead Transmission Lines

Greater than 55 years since installation: -
41 to 55 years since installation: 1250 metres 16(mm2) (Refer to YELLOW line on image map below)
26 to 40 years since installation: -
16 to 25 years since installation: -
6 to 15 years since installation: -
1 to 5 years since installation: -

1) Pulau (a) Existing Underground Transmission Lines

Greater than 25 years since installation: -
16 to 25 years since installation: 400 metres 16(mm2) (Refer to BLUE line on image map below)
6 to 15 years since installation: 200 metres 16(mm2) (Refer to BLUE line on image map below)
1 to 5 years since installation: 400 metres 16(mm2) (Refer to BLUE line on image map below)
2) Top Road (b) Existing Underground Transmission Lines

Greater than 25 years since installation: -
16 to 25 years since installation: 600 metres 16(mm2) (Refer to BLUE line on image map below)
6 to 15 years since installation: 200 metres 16(mm2) (Refer to BLUE line on image map below)
1 to 5 years since installation: 400 metres 16(mm2) (Refer to BLUE line on image map below)

3) Landing (c) Existing Underground Transmission Lines

Greater than 25 years since installation: -
16 to 25 years since installation: 200 metres 16(mm2) (Refer to BLUE line on image map below)
6 to 15 years since installation: 600 metres 16(mm2) (Refer to BLUE line on image map below)
1 to 5 years since installation: 100 metres 16(mm2) (Refer to BLUE line on image map below)
6 to 15 years since installation: 400 metres 35(mm2) (Refer to BLUE line on image map below)

New Underground Transmission Lines required

New Property Development Installation (Adamstown to Vault): 1170 metres
New Property Development Installation (Proposed Power Station to Trevor’s Canyon Junction): 550 metres
New Property Development Installation (Trevor’s Canyon Junction to new residential home): 600 metres
New Property Development Installation (Trevor’s Canyon Junction to Machinery storage): 450 metres
New Property Development Installation (Miscellaneous Adamstown locations): 500 metres
(Refer to RED line on image map below)

Total transmission line: 3270 metres
20% Contingency: 654 metres
Grand Total: 3924 metres

New Overhead or Underground Transmission Lines required
(Proposed new Power Station site to grid branch off)

Distance: 600 metres 35(mm2) (Refer to BLACK line on image map below)
Number of Lines: 3

Total transmission line: 1800 metres 35(mm2)
25% Contingency: 450 metres 35(mm2)
Grand Total: 2250 metres 35(mm2)