## CABLE INSTALLATION PROJECTS

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<th>Description of Projects</th>
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<tr>
<td><strong>Contract No. 9020147</strong> - Installation of 230kV &amp; 66kV XLPE power cables, auxiliary cables &amp; accessories.</td>
<td>Term Contract (2 years)</td>
<td>2004</td>
<td>Taihan Electric Wire Co Ltd</td>
</tr>
<tr>
<td><strong>LTA Contract No. RR0109</strong> - Extension of Queensway to Ayer Rajah Expressway (Phase 1) Duct Block Installation.</td>
<td></td>
<td>Jan 2004</td>
<td>Koon Construction &amp; Transport Co., Ltd</td>
</tr>
<tr>
<td><strong>Contract No. 9000341</strong> - Installation of 230kV &amp; 66kV Power Cables, Auxiliary Cable &amp; Accessories for 3 years.</td>
<td>Term Contract (3 years)</td>
<td>2003</td>
<td>Taihan Electric Wire Co Ltd</td>
</tr>
<tr>
<td>Installation of Backhaul Fiber Cable, Network for SMRT Stations to New Park Building</td>
<td>6 km</td>
<td>Mar 2003</td>
<td>NDC Global Services Pte Ltd</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1990318 (NDC 24) Route F</strong> - Supply &amp; Installation of 230kV XLPE Power Cables, Auxiliary Cables and Accessories.</td>
<td>33.5 km</td>
<td>Jan 2003</td>
<td>Iwatani/ Fujikura/ Fujikura Electric Co., Ltd</td>
</tr>
<tr>
<td><strong>NDC 31, Contract Ref: 9010235</strong> - Supply &amp; Installation of 66kV XLPE Power Cables, Auxiliary Cables &amp; Accessories.</td>
<td>49 km</td>
<td>Dec 2002</td>
<td>Sigma Cable</td>
</tr>
<tr>
<td><strong>Contract No. 9000348 (NDC 22)</strong> - Installation of 66kV XLPE Power Cables, Auxiliary Cables &amp; Accessories.</td>
<td>12 km</td>
<td>2001</td>
<td>Taihan Electric Wire Co Ltd</td>
</tr>
<tr>
<td><strong>Contract No. 1990103</strong> - Installation of 230kV &amp; 66kV Power Cables, Auxiliary Cables &amp; Accessories for 2 years</td>
<td>Term Contract (2 years)</td>
<td>2001</td>
<td>Taihan Electric Wire Co Ltd</td>
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<tr>
<td><strong>NDC 22, Contract Ref: 9000347</strong> - Supply &amp; Installation of 66kV XLPE Power Cables, Auxiliary Cables &amp; Accessories.</td>
<td>14.5 km</td>
<td>Dec 2001</td>
<td>Sigma Cable Co Pte Ltd</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1990316 (NDC 24) Route E</strong> - Supply &amp; Installation of 230kV Oil-Filled Power Cables, Auxiliary Cables and Accessories.</td>
<td>16 km</td>
<td>Sept 2001</td>
<td>Showa Electric Wire &amp; Cable Co., Ltd</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1990370 (NDC 25)</strong> - Supply &amp; Installation of 400kV Oil-Filled PPLP Cables, Auxiliary Cables and Accessories for Tuas to Ayer Rajah Circuits 3 &amp; 4. Section A,B,C &amp; part of D.</td>
<td>4.5 km</td>
<td>Aug 2001</td>
<td>Furukawa Electric Co., Ltd</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1990370 (NDC 25)</strong> - Supply &amp; Installation of 400kV Oil-Filled PPLP Cables, Auxiliary Cables and Accessories for Tuas to Ayer Rajah Circuits 3 &amp; 4. Part of Section D.</td>
<td>3.4 km</td>
<td>Aug 2001</td>
<td>Hitachi Cable Ltd</td>
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<tr>
<td><strong>PowerGrid Contract No. 1990371</strong> - Supply &amp; Installation of 400kV PPLP Cables,</td>
<td>6.5 km</td>
<td>Aug 2001</td>
<td>Mitsubishi Cables</td>
</tr>
<tr>
<td>Auxiliary Cables and Accessories.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1990316 (NDC 23) Route B</strong> - Supply &amp; Installation of 230kV XLPE Power Cables, Auxiliary Cables and Accessories.</td>
<td>9.3 km</td>
<td>Mar 2001</td>
<td>Showa Electric Wire &amp; Cable Co., Ltd</td>
</tr>
<tr>
<td><strong>NDC 23 Route A</strong> - Installation of 230kV Power Cables, Auxiliary Cables and Accessories.</td>
<td>10.5 km</td>
<td>Oct 2000</td>
<td>Iwatani/ Fujikura</td>
</tr>
<tr>
<td><strong>NDC 25 Route D</strong> - Installation of 400kV Power Cables, Auxiliary Cables and Accessories.</td>
<td>3.5 km</td>
<td>Oct 2000</td>
<td>Iwatani/ Fujikura</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1990287 (NDC 15) Route A1</strong> - Supply and Installation of 66kV XLPE Power Cables, Auxiliary Cables and Accessories.</td>
<td>10 km</td>
<td>Jun 2000</td>
<td>LG Cables</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1990287 (NDC 15) Route B &amp; C</strong> - Supply and Installation of 66kV XLPE Power Cables, Auxiliary Cables and Accessories.</td>
<td>11.5 km</td>
<td>Jun 2000</td>
<td>Sigma Cable</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1980135 (NDC 07)</strong> - Design, Supply, Installation and Commissioning of Power Cables, Auxiliary Cables and Accessories for part of the A3 Section between Jurong Pier S/S and SUT</td>
<td>9 km</td>
<td>Jun 2000</td>
<td>Trans-Power Cables Pte Ltd</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1980299 (NDC 05)</strong> - Installation of 66kV Power Cables, Auxiliary Cables and Accessories.</td>
<td>45 km</td>
<td>1999</td>
<td>Taihan Electric Wire Co., Ltd</td>
</tr>
<tr>
<td><strong>SOP Project</strong> - Installation of 66/33kV XLPE Power Cables and Auxiliary at Jurong Island.</td>
<td>100 km (Cable length)</td>
<td>Dec 1999</td>
<td>AEC Engineering</td>
</tr>
<tr>
<td><strong>NDC 01 Route A &amp; B</strong> - Installation of 230kV Power Cables, Auxiliary Cables and Accessories.</td>
<td>10.5 / 9.0 km</td>
<td>May 1999</td>
<td>Intraco/ Alcatel</td>
</tr>
<tr>
<td><strong>SD 73 Route E</strong> - Installation of 400kV Power Cables, Auxiliary Cables and Accessories.</td>
<td>11 km</td>
<td>Apr 1999</td>
<td>Sumitomo Corp/ Sumitomo Electric</td>
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<tr>
<td><strong>PowerGrid Contract No. 1970102 (SD 75)</strong> - 400kV cable installation in immersed tunnel between Tuas Terminal Building and Pioneer Terminal Building. Double Circuit of 400kV Oil-Filled PPLP Cables of 2,200 meters length</td>
<td>2.2km</td>
<td>Jan 1999</td>
<td>Nissho Iwai International</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1951791 (SD 70/Ex.1)</strong> - Installation of 66kV XLPE Power Cables, Auxiliary Cables and Accessories (Route 2 &amp; 3).</td>
<td>12 km</td>
<td>1998</td>
<td>Taihan Electric Wire Co., Ltd</td>
</tr>
<tr>
<td><strong>SD 76 Route B</strong> - Installation of 230kV Undersea Tunneling Work.</td>
<td>2.2 km</td>
<td>Nov 1998</td>
<td>Sumitomo/ Hitachi</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. WE 58578</strong> - Installation of 400kV XLPE Power Cables at Tuas Power 400kV S/S.</td>
<td>350 m</td>
<td>Jun 1998</td>
<td>Toshiba</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1970131</strong> - Supply and Installation of 230kV and 66kV Power Cables and Accessories at Jurong West Neighborhood (N6 &amp; N9).</td>
<td>May 1998</td>
<td></td>
<td>Trans-Power Cable Pte Ltd</td>
</tr>
<tr>
<td><strong>SMRT TW97006</strong> - Installation of Fiber Optic Cables island wide.</td>
<td>416 km</td>
<td>Apr 1998</td>
<td>Intraco/ Alcatel</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1960472</strong> - Supply and Installation of 66kV cable in Southern Islands.</td>
<td>9 km</td>
<td>Apr 1998</td>
<td>Kanematsu Corporation</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1951642 (PUB WE 58074)</strong> - Supply and Installation of 400kV Oil-Filled PPLP Power Cables, 230kV cable diversion, Auxiliary Cables and Accessories.</td>
<td>5 km</td>
<td>Mar 1998</td>
<td>Hitachi/ Fujikura J.V.</td>
</tr>
<tr>
<td><strong>PowerGrid Contract No. 1970208</strong> - Supply and Installation of 230kV Oil-Filled Power Cable, Auxiliary Cables &amp; Accessories.</td>
<td>1.5 km</td>
<td>Mar 1998</td>
<td>ITE</td>
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<tr>
<td>PowerGrid Contract No. 1952027 - Supply and Installation of 66kV XLPE Power Cable,</td>
<td>12.6 km</td>
<td>Dec 1997</td>
<td>Tomen Corporation</td>
</tr>
<tr>
<td>Auxiliary Cables &amp; Accessories.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supply Manpower, Equipment &amp; Tools to carry out cable trenching, piping and laying of 66kV &amp; 22 kV power Cables including removal of granite chips.</td>
<td></td>
<td></td>
<td>Meiden Singapore Pte Ltd</td>
</tr>
<tr>
<td><strong>Contract Ref: TPC II</strong> - Installation of 66kV Power Cables and Accessories at Palau Ayer Merbau.</td>
<td>0.5 km</td>
<td>Jul 1997</td>
<td>Ohmm Engineering</td>
</tr>
<tr>
<td><strong>PUB Contract No. WE 38714</strong> - Supply and Installation of 66kV Power Cables, Auxiliary Cables and Accessories.</td>
<td>9 km</td>
<td>Oct 1997</td>
<td>Intraco Limited</td>
</tr>
<tr>
<td>Laying of 38kV Cables.</td>
<td></td>
<td>Aug 1994</td>
<td>Asia Brown Boveri Pte Ltd</td>
</tr>
<tr>
<td><strong>PUB Contract No. WE 18264</strong> - Installation of 66kV XLPE Power Cables at Grange Road S/S to Kg Java S/S; Grange road to Outram S/S.</td>
<td>5km</td>
<td>Mar 1994</td>
<td>BICC</td>
</tr>
<tr>
<td><strong>PUB Contract No. WE 08903</strong> - Supply and Installation of 66kV XLPE Power Cables, Auxiliary Cables and Accessories.</td>
<td>11.8 km</td>
<td>Sept 1993</td>
<td>Pirelli UK Plc</td>
</tr>
<tr>
<td><strong>PUB Contract No. WE 18527</strong> - Supply and Installation of 66kV XLPE Power Cables, Auxiliary Cables and Accessories.</td>
<td>11.5 km</td>
<td>May 1993</td>
<td>Tomen Corporation (Showa Electric Wire &amp; Cable Co., Ltd)</td>
</tr>
<tr>
<td><strong>PUB Contract No. WE 18264</strong> - Supply and Installation of 66kV XLPE Power Cables, Auxiliary Cables and Accessories.</td>
<td>10.4 km</td>
<td>May 1993</td>
<td>BICC Supertension Cables (1980) Ltd</td>
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<tr>
<td>PUB Contract No. WE 18526 - Installation of 66kV XLPE Power Cables at Admiralty S/S to Bright Hill S/S.</td>
<td>14 km</td>
<td>Mar 1993</td>
<td>Sumitomo</td>
</tr>
<tr>
<td>PUB Contract No. WE 98680 - Supply and Installation of 230kV Oil-Filled Power Cables, Auxiliary Cables and Accessories.</td>
<td>1 km</td>
<td>Sept 1992</td>
<td>Mitsubishi Cable Industries Ltd</td>
</tr>
<tr>
<td>PUB Contract No. WE 98678 - Supply and Installation of 230kV Oil-Filled Power Cables, Auxiliary Cables and Accessories (Span 7 to Span 23).</td>
<td>3 km</td>
<td>Feb 1992</td>
<td>Pirelli UK Plc</td>
</tr>
<tr>
<td>PUB Contract No. WE 98171 - Supply and Installation of 66kV Oil-Filled Power Cables, Auxiliary Cables and Accessories.</td>
<td>9.5 km</td>
<td>June 1991</td>
<td>Tomen Corporation (Showa Electric Wire &amp; Cable Co., Ltd)</td>
</tr>
<tr>
<td>PUB Contract No. WE 78756 - Supply and Installation of 230kV Oil-Filled Power Cables, Auxiliary Cables and Accessories.</td>
<td>5 km</td>
<td>Sept 1989</td>
<td>BICC Supertension Cables (1980) Ltd</td>
</tr>
<tr>
<td>PUB Contract No. WE 40205 - Supply and Installation of 230kV Oil-Filled Power Cables, Auxiliary Cables and Accessories.</td>
<td>27.5 km</td>
<td>Apr 1988</td>
<td>BICC Supertension Cables (1980) Ltd</td>
</tr>
<tr>
<td>Contract No. IE50283 - Installation of 230kV Cables from Terminal Bldg. To West Coast Highway.</td>
<td>8 km</td>
<td>1988</td>
<td>Societa Cavi Pirelli</td>
</tr>
<tr>
<td>MRT Contract No. 154 - Installation of 22kV &amp; DC Cables for Phase I,1A,11 &amp; 11A.</td>
<td>35 km</td>
<td>1987</td>
<td>Dainichi-Nippon Cables</td>
</tr>
<tr>
<td>Installation of 230kV Oil-Filled Copper Cables at Senoko P/Station for PUB-NEB</td>
<td>3 km</td>
<td>1986</td>
<td>Cable De-Route Lyon</td>
</tr>
<tr>
<td>Installation of 66kV Cable - Total 9 routes</td>
<td>27 km</td>
<td>1983</td>
<td>Dainichi-Nippon Cables</td>
</tr>
<tr>
<td>Installation of 66kV Cable at Upper Jurong to Ayer Rajah S/S</td>
<td>18 km</td>
<td>1983</td>
<td>Showa Electric</td>
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