

1. Design and Construction of High Voltage Substation

1.1 Government Organization and Public Authorities

No.	Year of Completion	Customer / Location	Description
Gas Insulated Substation			
1	2006	Provincial Electricity Authority (PEA) Prince of Songkla University Supply and Installation 115/33kV GIS Substation (Turnkey)	115/33 kV GIS Indoor Substation Contract Amount : 63.86 Million Baht
115 kV Conventional Substation			
1	2007	Provincial Electricity Authority (PEA) Contract No. TSD.8.1.P-3.2/2549 : 5 Substations ▪ Nakhonluang ▪ Koapho ▪ Banbung 2 ▪ Bankhai 2 ▪ Pluakdaeng 3	9 x 115/22 kV 50 MVA Substation Contract Amount : 758.80 Million Baht
2	2006	Provincial Electricity Authority (PEA) Contract No. TSD.7.2.P-3.2/2004 : 4 Substations ▪ Chengdow ▪ Klonhklung ▪ Prankatai ▪ Nongbua	4 x 115/22 kV 50 MVA Substation Contract Amount : 187.80 Million Baht
3	2006	Provincial Electricity Authority (PEA) Contract No. TSD.6.2.P-3.1/2547 : 3 Substations ▪ Cha-Am2 ▪ Chombung ▪ La-ngu	3 x 115/22 kV 50 MVA Substation Contract Amount : 301.07 Million Baht
4	2000	Provincial Electricity Authority (PEA) Contract No. TSD 5.P-3.2/1997 : 7 Substations ▪ Khok Samrong ▪ Uthai Thani ▪ Lat Yao ▪ Nong Chang ▪ Taphan Hin ▪ Phitsanulok ▪ Phichai	14 x 115 / 22 kV 50 MVA Substation Contract Amount : 600.00 Million Baht
5	1998	Provincial Electricity Authority (PEA) Contract No. <u>ว.242/2539</u> : 2 Substations ▪ Pluakdaeng 2 ▪ Nong Lalok	2 x 50 MVA 115 / 22 kV Substation, Contract Amount : 212.00 Million Baht

1.2 Private Company

No.	Year of Completion	Customer / Location	Description
230kV. Conventional Substation			
1	1998	Khanom Electricity Generating Co., Ltd. Nakhon Srithammarat Province	Supply and Installation 230kV Conventional Substation (Turnkey) Capacity 20/25 MVA 230/33 kV
115 kV. Gas Insulated Substation			
1	2006	PTT Utility Co., Ltd. : Central Utility Project I Maptaphut Industrial Park, Rayong Province	Supply and Installation 115 kV GIS Indoor Substation (Turnkey) Contract Amount : 109.18 Million Baht
2	2003	Sosuco Ceramic Co., Ltd. Saraburi Province	Supply and Installation 115 kV GIS Outdoor Substation (Turnkey) Capacity 20 MVA 115/22 kV
3	2007	Toshiba Asia Pacific Co., Ltd. / National Thai Samuthprakarn Province	Supply and Installation 115 kV GIS Outdoor Substation (Turnkey) Capacity 15 MVA 115/24 kV
4	2000	TOSPLANT Engineering (Thailand) / Bridgestone Co., Ltd. Pathum Thani Province	Supply and Installation 115 kV GIS Outdoor Substation (Turnkey) Capacity 10 MVA 115/22 kV
5	1997	Toyo Thai Corporation Co., Ltd. / Thasco RCA Rayong Province	Supply and Installation 115kV GIS Outdoor Substation (Turnkey) Capacity 20 MVA 115/22 kV

115 kV Conventional Substation

1	2007	Kiriu Corporation : Rayong Province	115/22 kV 20/25 MVA Substation Contract Amount : 59.00 Million Baht
2	2005	Rojana Power Co., Ltd. : Rojana Industrial Park, Ayuthaya Province	115/22 kV 40 MVA Substation Contract Amount : 30.50 Million Baht