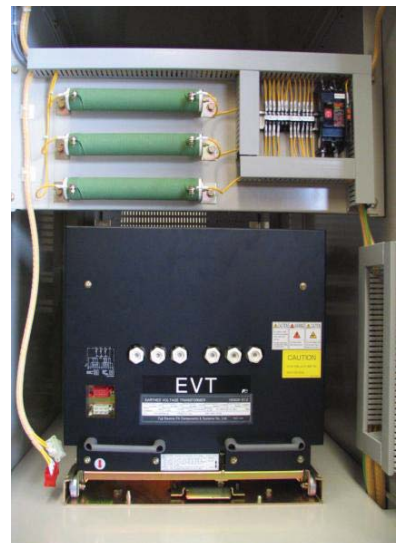


Medium Voltage Switchgear



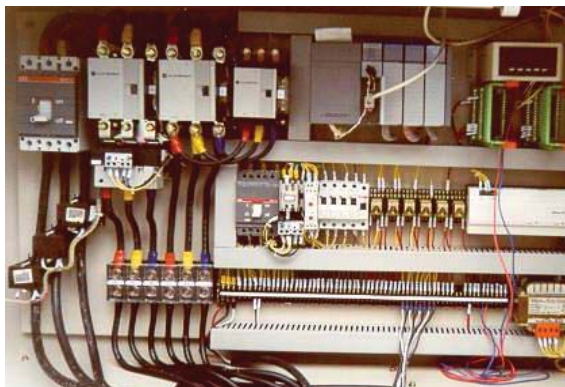
Control and PLC Panel



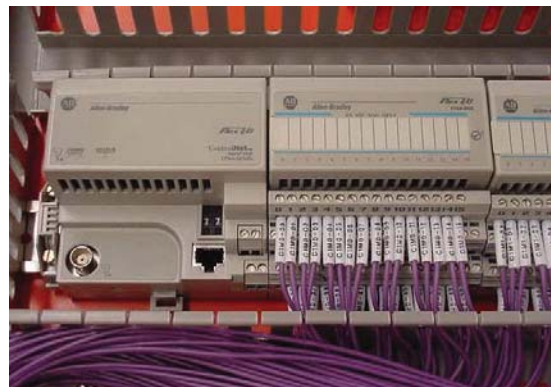
PLC-5



Control Logix



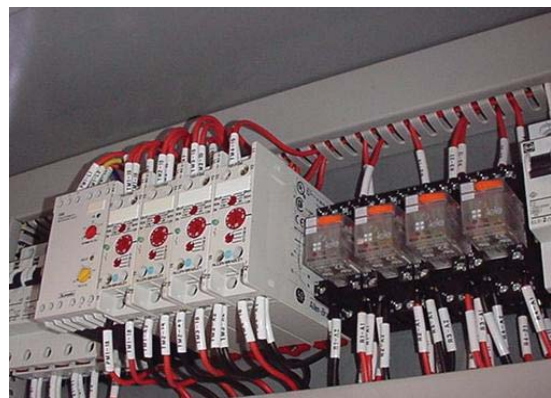
SLC-500



Flex I/O



Control Logix



Control & Wiring



Micrologix 1200



PLC-5 Ethernet

Installation & Maintenance Services

The installation team is fully capable of providing installation services as well as managing third party installation contracts.

Even the needs are discrete manufacturing or processing control; TTE is capable of handling the customer requirements.



Equipment & Test Instruments



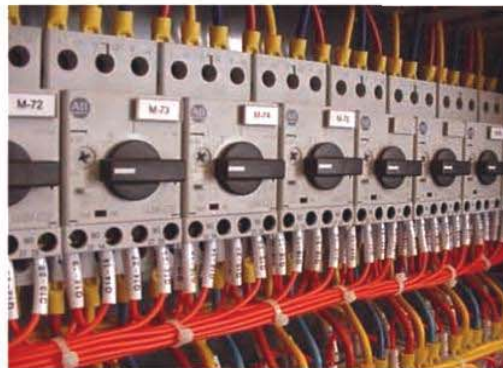
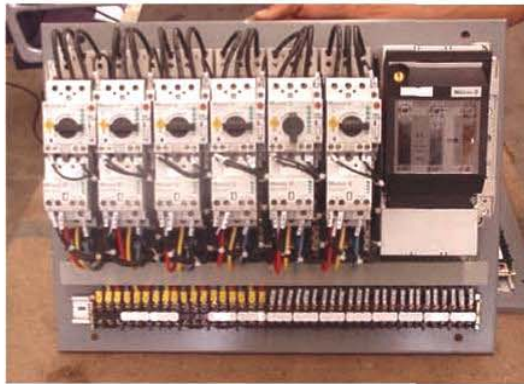
Main Distribution Panels



Vary Speed Drive Control Panels



Motor Starter and Control Panels



Low Voltage Motor Control Center



Auto Transformer Starter Panels



Auto Transformer Starter Panels







Vary Speed Drive Control Panels



Motor Control Centers



Outdoor Panels



Main Distribution Panels



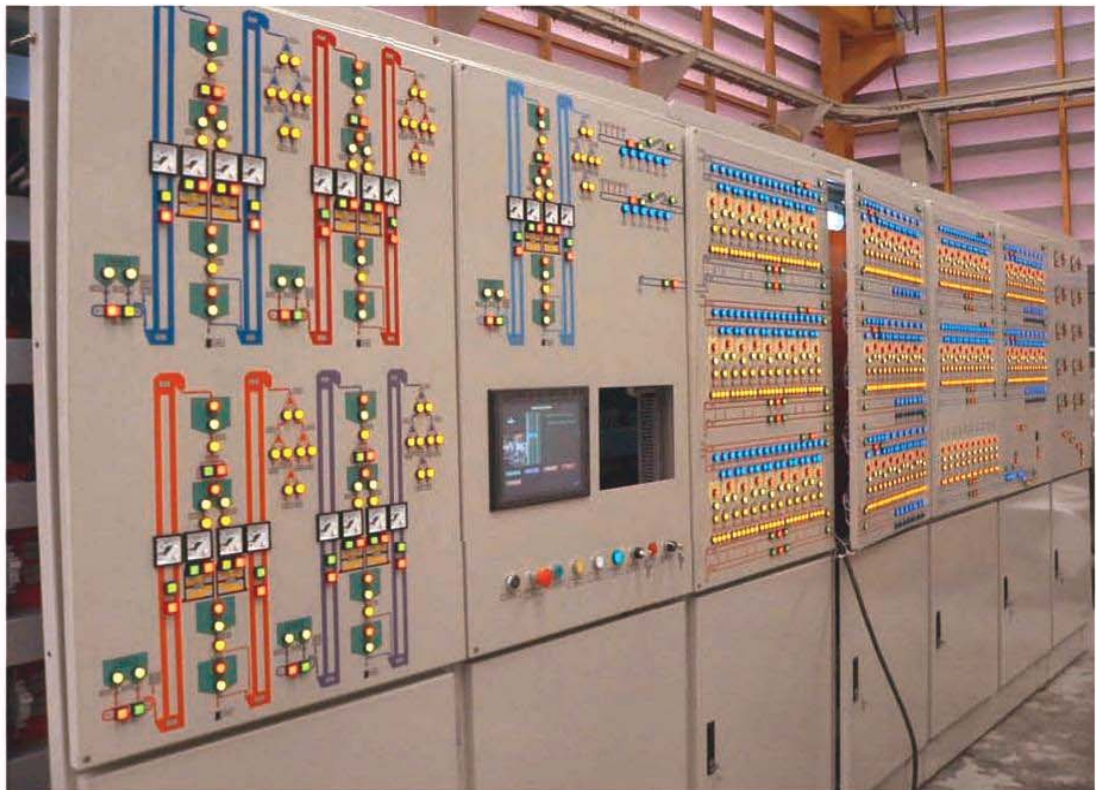
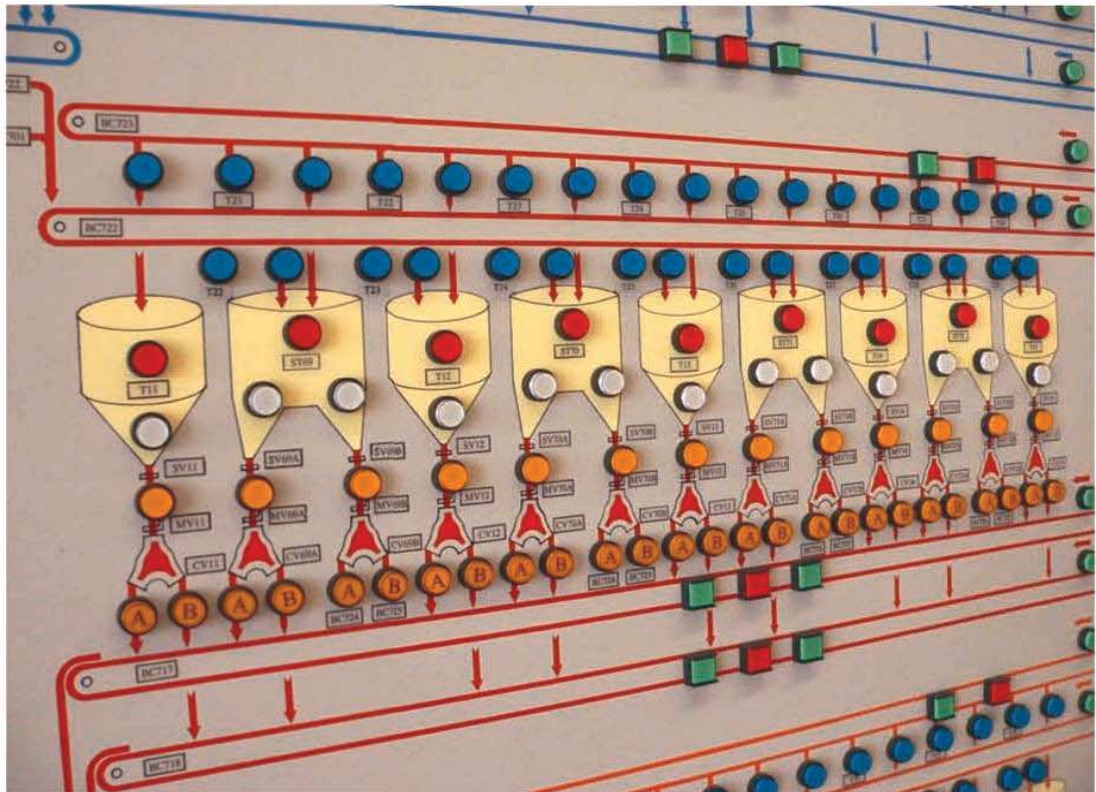
Main Distribution Panels



MIMIC Display Panels for Rice Industry



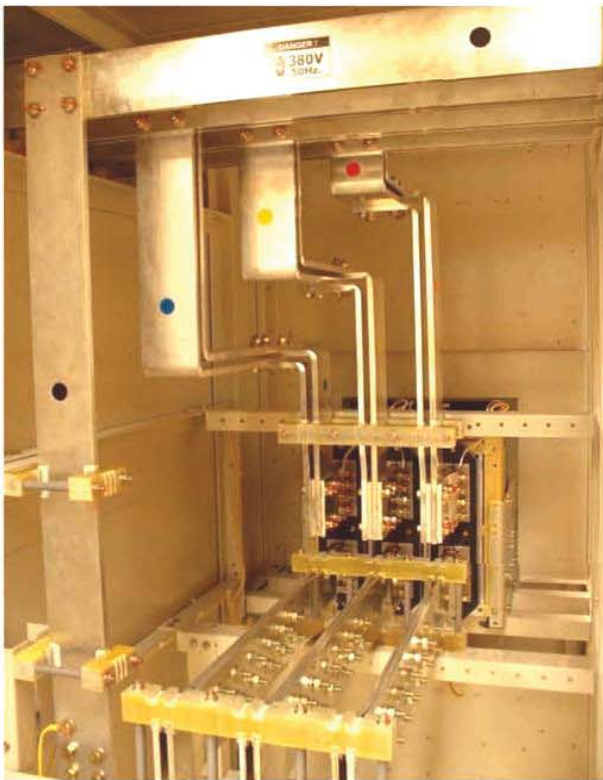
MIMIC Display Panels for Rice Industry



Generator Synchronizing Control Panel



Low Voltage Main Distribution Panels



Console Desk Enclosure



VFD and PLC Control panel



Company Project Reference :
Year : 2001-2013

National Starch & Chemical (Thailand) Limited

Site Location 1	Karasin Province (Main Plant)
Scope of supply	Motor Control Center (MCC) 2. Local Starter Panel up to 200 kW 3. Low Voltage Main Distribution Panel (up to 4000A)
Site Location 2	Rayong Province
Scope of supply	1. PLC & DCS System Control Panel(Allen-Bradley & Delta-V) 2. Motor Control Control Center (up to 100 Hp)

Metropolitan Water Works Authority (MWA)

Site Location	Samsane water plant Bangkok
Scope of supply	1.PLC Remote Control System (Allen-bradley) 2. Medium Voltage Switchgear 3300V (Fuji Electric) 3. Automatic Back Wash Control System with HMI Software (Rockwell Automations)

Department of Energy Development & Promotion (DEDP)

Site Location	Bangkok
Scope of supply	1. Low Voltage Starter Panel (up to 315 kW) 2. Water Level Monitoring System

DKK Sino-Thai Construction Co.,Ltd.

Site Location	Prathumthani Province
Scope of supply	Tower Light Control Panel & Alarm System.

Project : Pattaya Wastewater Treatment Plant

Main Contranctor	Summit Grade Ltd.,Ltd.
Sub Contractor	FE Zuellig industrial Co.,Ltd.
Site Location	Pattaya, Chonburi Province
Scope of supply	1. Motor Control Center (MCC) up to 200HP 2. VFD Control Panel (up to 300HP) Allen-Bradley 1336 series

Project : Rajburana Wastewater Treatment Plant

Main Contractor	Naowarat Pattanakarn Co.,Ltd.
Sub Contractor	FE Zuellig Industrial Co.,Ltd.
Site Location	Rajburana, Bangkok
Scope of supply	1. Motor Control Center 2. Local Starter Panel 3. VDF Control Panel (up to 300 Hp) series Allen-Bradley 1336

Asia Flutous Co.,Ltd. (Suger Mill plant)	
Site Location	Karnchanaburi Province
Scope of supply	1.Main Distribution Board (up to 4000 kVA) 2. Local Motor Control Center
Pattanayon Chonburi Co.,Ltd.	
Project Name	Metropolitan Electricity Authority
Site Location	Lampang Province
Scope of supply	Automatic Generator Set Control Systems 500kVA
National Adhesive Co.,Ltd.	
Site Location	Minburi, Bangkok
Scope of supply	1. Electric Installation 2. Main Distribution Panel (up to 1250 A) 3. AC Drive Control Panel (Allen-Bradley 1336 series)
Samutprakarn Wastewater Management	
Main Contranctor	Alstom Contracting (Thailand) Ltd.
Sub Contractor	FE Zuellig industrial Co.,Ltd.
Site Location	Samutprakarn Province
Scope of supply	Low Voltage Motor Control Center VFD & Motor starter up to 250kW
Metropolitan Water Works Authority (MWA)	
Site Location	Bangkok Noi water plant , Bangkok
Scope of supply	1. Motor Starter 315 kW, 3300 V for Pumping Station
General Motors (Thailand) Ltd.	
Site Location	Rayong Province
Scope of supply	Main Distribution Panel 600A
Procter & Gamble Manufacturing (Thailand) Ltd.	
Main Contractor	Rockwell Automation Co.,Ltd.
Site Location	Wellgrow Industrial Estate , Bangna-Trad
Scope of supply	PLC Panel & Programming
MTU Asia (Thailand) Ltd.	
Site Location	England Ambussy (Bangkok)
supply	Generator Set Control Panel
UNOCAL Thailand , Ltd.	
Main Contractor	Rockwell Automation Thailand
Scope of supply	Motor Control Center & PLC Panel

Charoen Pokphand Engineering Co.,Ltd. (CP rice mill)		
	Main Contractor	Rockwell Automation Thailand
	Scope of supply	Motor Control Center & PLC Panel
Toshiba Asia Pacific PTE , Ltd.		
	Scope of supply	Low Voltage AC Drive Control Panel
National Starch & Chemical (Thailand) Ltd.		
	Site Location	Rayong Province
	Scope of supply	AC Drive up to 250 kW 380V & Motor Control Center
Government Pharmaceutical Organization		
	Main Contractor	Thaikenzaisha Co.,Ltd.
	Site Location	GOP-MBP Vaccines Plant
	Scope of supply	Main Distribution & Motor Control Center Panel
Thai Airways International Public Co.,Ltd.		
	Site Location	Don Muang Air Port
	Scope of supply	Main Distribution Baord (500kVA)
MTU Asia (Thailand) Ltd.		
	Site Location	Banyan Tree Phuket Island (Phuket)
	Scope of supply	Control Panel & Automatic Transfer Switch
Diesel Engineering Co.,Ltd.		
	Site Location	PP Island Cabana Hotel (Krabi)
	Scope of supply	Generator 937.5 kVA & 63. kVA Control Panel & Synehronizing Systems
	Site Location	T.U.W Textile Co.,Ltd.(Nakorn Pathom)
	Scope of supply	Generator 937.5 kVA Control panel & Synehronizing systems
Asia Silicones Monomer Limited (GE Silicones)		
	Main Contractor	Toshiba Asian Pacific PTE Co.,Ltd.
	Site Location	Asia Industrial Estate , Maptaput
	Scope of supply	Fiber Optic Communication System Energy Monitoring System (Allen-Bradley 1404 Series.)
Nissin Brake (Thailand) Co.,Ltd.		
	Main Contractor	Fuji Electric Technology Co.,Ltd.
	Site Location	Amata City Estate, Rayong
	Scope of supply	Main Distribution Panel

Phubia Mining (Export Items)

Site Location	Laos
Scope of supply	1. LV Motor Control Center (MCC) 2. VSD Control Panel (up to 250kW) 3. PLC & HMI System Control Panel

Rockwell Automation (Export Items)

Site Location	Bekasi, Indonesia
Scope of supply	1. Motor Control Center (MCC) 2. VSD Control Panel 3. PLC & HMI System Control Panel

Thai Tin Plate Compnay (Thailand)

Main Contractor	Fuji Electric Technology Co.,Ltd.
Scope of supply	1. Main Distribution Board up to 4000A (MDB) 2. Motor Control Center

Yokohama Tire Manufacturing (Thailand)

Main Contractor	Fuji Electric Technology Co.,Ltd.
Scope of supply	1. PLC Control Panel 2. Motor Control Center

Toshiba Asia Pacific PTE.,Ltd.

Site Location	Panchaphon Fiber Co.,Ltd.
Scope of supply	Remote control panel for medium voltage drives

Capital Rice (Riec Mill)

Site Location	Ayuthaya Province
Scope of supply	1. PLC System Control Panel 2. Motor Control Center 3. Energy Management

Regis IEM (Export Items)

Country	Australia
Scope of supply	Main Distribution Board 1250A

Hagemeyer-PPS (Thailand)Ltd., (Export Item)

Site Location	Laos
Scope of supply	Main Distribution Board

Nissin Electric (Thailand) Co.,Ltd.

Site Location	Kornkean Province
Scope of supply	24kV Main distribution LB & VCB LV Main Distribution Panel 400V

Kindenko (Thailand) Co.,Ltd.		
Site Location	Ayuthaya Province	
Scope of supply	Main Distribution Panel Motor Starter Panel	
TPT Polene Public Company Limited		
Site Location	Saraburi Province	
Scope of supply	Generator synchronizing system 4 x 1850kVA 6300V	
Siam Tyre Phra Pradaeng Co.,Ltd.		
Site Location	Samutprakarn	
Scope of supply	MV starter panel 3300 Volts. 400 Hp	
Toyo-Thai Coproration Co.,Ltd.		
Site Location	Rayong	
Scope of supply	LV Main Distribution Panel	
Phu Bia Mining Limited	(Export Items)	
Site Location	Laos	
Scope of supply	LV Motor Control Center (MCC) with VFD PLC & HMI for plant control & monitoring system (Allen-Bradley PLC)	
Sumitomo Rubber Industries Co.,Ltd.		
Main contractor	Toyoda Electric Co.,Ltd.	
Site Location	Amata City Industrial Estate, Rayong province	
Scope of supply	PLC & Motor control panel	
Down Metaltech (Thailand) Co.,Ltd.		
Main contractor	Fuji Electric Technology Co.,Ltd.	
Site Location	Gate Way Industrial Estate	
Scope of supply	LV Main Distribution Panel	
Surin Sugar Mill Co.,Ltd.		
Main contractor	Fuji Electric Technology Co.,Ltd.	
Site Location	Surin Province	
Scope of supply	24kV main distribution panel VCB 3.3kV motor starter panel 3.3kV Automation Power Factor Control Panel	
Endo Forging Co.,Ltd.		
Site Location	Gate Way Industrial Estate, Chachongsow Province	
Scope of supply	3.3kV Automation Power Factor Control Panel 3.3kV Distribution Panel LV Main Distribution Panel	

Auto CS Co.,Ltd.

Site Location	Amatanakorn Industrial Estate
Scope of supply	LV Main Distribution Panel 3300V Load break switch panel

Thai MMA Co.,Ltd.

Main contractor	Toyo-Thai Corporation Public Company Limited
(TTCL) Site Location	MAP TA PHUT, Rayong
Scope of supply	400V Bus Ducts (4000A)

Techa Property Co.,Ltd.

Project :	Prime Suites Pattaya Klang
(Condominium) Site Location	Pattaya Klang
Scope of supply	400V Bus Ducts.

Chloried Power Protection Co.,Ltd.

Project :	Fuji Denki
Site Location	Navanakorn Industrial
Scope of supply	Battery Panel

Panasonic Electric Work Steel (Thailand) Co.,Ltd.

Site Location	Poo Chao , Samutprakarn
Scope of supply	1. 6.6kV Starter Panel 2. Energy Management System

URC (Thailand) Co.,Ltd.

Site Location	Samutsakhon Industrial Estate
Scope of supply	Energy Management System

Krung Thai United Electric Co.,Ltd.

Project :	Mitrphol
Site Location	Maesod Tak, Province
Scope of supply	1. 6.6kV DS-Panel 2. Capacitor Bank 2500kVA 3. Capacitor Bank 2000kVA

Krung Thai United Electric Co.,Ltd.

Project :	NKSL
Site Location	Laos
Scope of supply	1. 3.3kV Feeder 2. 3.3kV DS Panel 1200A. 3. 3.3kV Feeder VCB 4. 3.3kV Capacitor Panel 5. Control Desk