



# DEMCO PUBLIC COMPANY LIMITED

MARCH 1, 2009

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- **Demco Public Company Limited** has strong experiences in design, supply, construction and installation on turnkey basis of Electricity Distribution Line, High Voltage Transmission Line, Substation design and construction, Electrical & Mechanical System, Energy Conservation, Telecommunication Tower including production and supply steel structure for High Voltage Transmission Line System, Telecommunication System and Billboard under **“DEMCO”** trade mark

- **The Company was established and registered as Demco Company Limited on June 1, 1992 with registered capital started at 6 Million Baht.**
- **Afterwards, the capital investment has been continuously increasing. As of May 26, 2006, Demco Company Limited was officially transformed into Demco Public Company Limited with registered capital of 325 Million Baht**



# **TYPE OF BUSINESS**

**DEMCO operates 6 core businesses**

- 1. Electrical Engineering**
- 2. Mechanical & Electrical System**
- 3. Telecommunications and Fiber Optic Cable Work**
- 4. Fabrication of Steel Structure**
- 5. Energy Conservation**
- 6. Civil Design & Construction Work**

# DEMCO Organization



## Subsidiary Companies

DEMCO Industry / JPM  
- Pressure Vessels and Tanks  
- Piping system work



PG: Performance Group

PU: Performance Unit

### Trading PG

- Steel & Metal Products PU
  - Steel and metal products manufacturer
- Hardware Products PU
  - Electrical Distribution System
  - Tele-communication System
- Construction Material PU
  - Civil Material

### Power & Industrial Systems PG

- Power Plant / Substation Construction PU
- Transmission Line Construction PU
- Distribution Line Construction PU
- Civil Construction PU
- Mechanical & Instrument Construction PU
- Tele-communication Construction PU
- Renewable Energy PU

### Factory PG

- Steel Work PU
  - Steel Structure
  - Tele-Communication Tower
  - Transmission Tower
- Hot Dip Galvanize PU

# DEMCO Industry : Our Products



- **Pressure Vessels and Tanks**
- **Piping system work**
- **Steel Structure Fabrication**





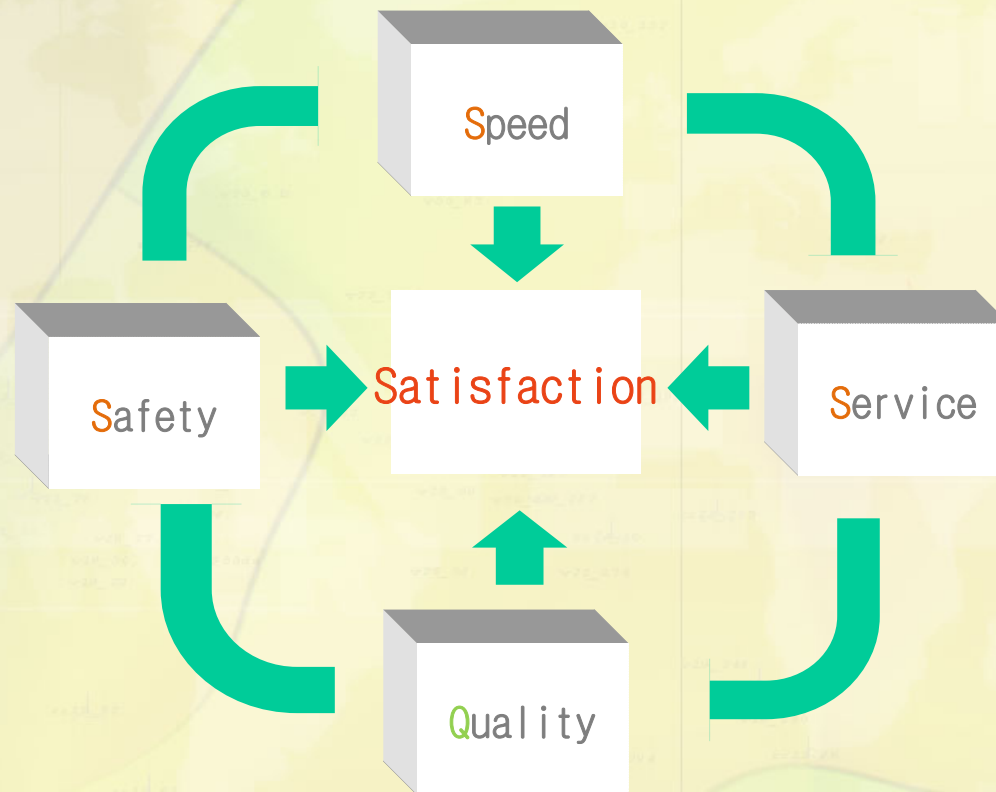
# Power Supply Facilities



**Over many years, we have enhanced our capability to carry out sophisticated projects. In addition to power supply projects, i.e. construction of substation, extra high voltage transmission line with EGAT / PEA / MEA, we are now building our reputation as a contractor specializing in power supply facilities**

# The Best Solution for You

3S + Q, for Your Satisfaction



*DEMCO draws from its pool of competence to offer you the best solution for your satisfaction*

- Market Leading Quality
- Safe Products
- Fast Delivery
- Customer-oriented Service Structure



# Excellency in Turnkey Solutions

## Capabilities in Turnkey Projects

### Specialized in Substation Projects

- Accumulated experience and capacity in engineering, procurement and management of local construction

### Manufacturing Capacity & Supplier Partner

- Manufacturing Steel Structure
- Supplier Partner: GIS, Power Transformer and main electronic components

### Stable Financial Structure

- Public Company
- Many Financial Loan from Commercial Bank

### Project References

- 230 kV Transmission Line with EGAT
- 115/22 kV AIS Substation with PEA
- 115/22 kV GIS / AIS Substation with Famous Private Company

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# Excellency in Turnkey Solutions

## EPC Capabilities



### Construction

- Industrial plant business
- Harbor construction business
- Large -scale civil works
- Environmental friendly



### Procurement

- Buying power for getting competitive price and delivery
- Close collaboration with various equipment sources.



### Service

- New conceptive business
- Ensure safety of customers
- Expertise on engineering, installation, maintenance, inspection, safety diagnosis etc.



# Excellency in Turnkey Solutions

## General Work Scope

### Engineering

- Single Line Diagram
- Equipment Layout
- Civil Design

- Substation Layout
- Power Layout
- Electrical Design

### Procurement

- GCB · DS · CT · CVT · LA · Power Transformer
- Telecommunication
- Steel Structure
- AC/DC Power Facility
- Miscellaneous

### Construction

- Control Building
- Equipment Erection
- Site Test

- Transportation
- Training
- Testing & Commissioning





# Excellency in Turnkey Solutions



## Work Process

*The whole on-site process is under  
DEMCO Project Team's supervision*



Site  
Arrangement



Foundation



Construction



Installation



Site Test

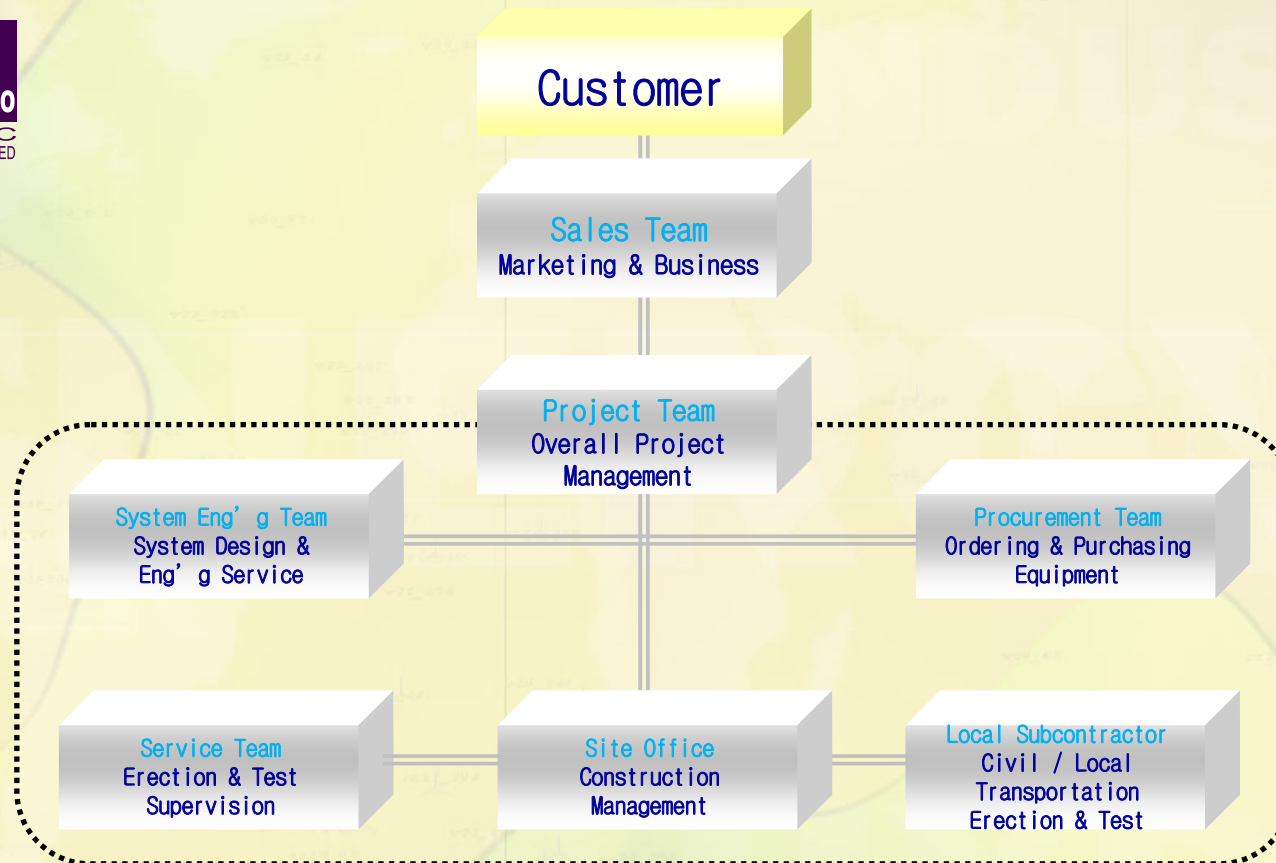


Complete

# Excellency in Turnkey Solutions



## Organization Structure



# **TRANSMISSION LINE PROJECT RECORD**



<b>NO</b>	<b>CONTRACT NO.</b>	<b>YEAR OF COMPLEION</b>	<b>DESCRIPTION</b>
<b>1</b>	<b>Contract no. EGAT 47-C89849-2-2-30(49) SKL2-HY2-L1 (R)</b>	<b>2007</b>	<b>230 kV Songkhla 2 – Hat Yai 2 Under Transmission System for Songkhla Combined Cycle Power Plant Project (135.12 Million baht)</b>
<b>2</b>	<b>Contract no.JOR.151/2547</b>	<b>2004</b>	<b>115 kV Transmission Line System 54.03 cct-km Nong Kahi Substation (EGAT) – Sri Chinmai Substation (60 Million baht)</b>
<b>3</b>	<b>Contract no. TSD.3.P- 4.1/1998 (3 Routes)</b>	<b>2000</b>	<b>115 Transmission Line System 93 cct-km (146 Million baht)</b>



# 230 kV Transmission Line Project Songkhla 2 – Hat Yai 2 (EGAT) Under Transmission System for Songkhla Combined Cycle Power Plant Project



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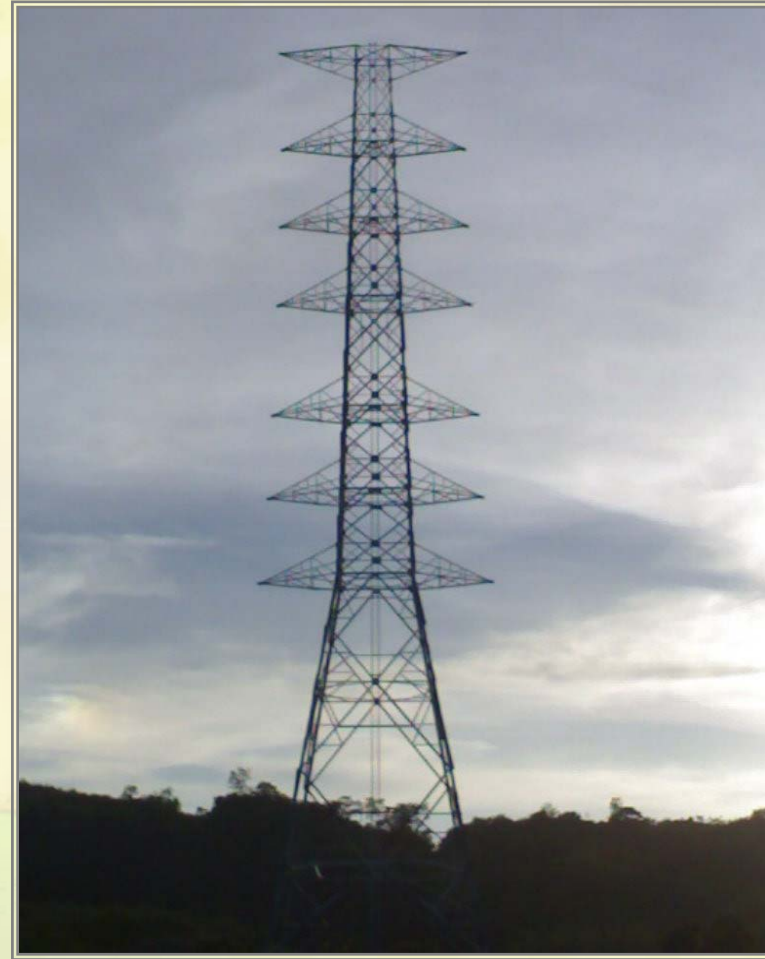
# 230 kV Transmission Line Project Songkhla 2 – Hat Yai 2 (EGAT) Under Transmission System for Songkhla Combined Cycle Power Plant Project



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# 230 kV Transmission Line Project Songkhla 2 – Hat Yai 2 (EGAT) Under Transmission System for Songkhla Combined Cycle Power Plant Project



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# **SUBSTATION PROJECT RECORD WITH PEA**



<b>NO</b>	<b>CONTRACT NO.</b>	<b>YEAR OF COMPLEION</b>	<b>DESCRIPTION</b>
<b>1</b>	<b>Contract no. TSD.8.1.P-3.2/2549 (5 Substations)</b>	<b>2007</b>	<b>9 x 115/22 kV 50 MVA Substation (760 Million baht)</b>
<b>2</b>	<b>Contract no. TSD.7.2.P-3.2/2004 (4 Substations)</b>	<b>2006</b>	<b>4 x 115/22 kV 50 MVA Substation (450 Million baht)</b>
<b>3</b>	<b>Contract no. TSD.6.2.P-3.1/2547 (3 Substations)</b>	<b>2006</b>	<b>3 x 115/22 kV 50 MVA Substation (300 Million baht)</b>
<b>4</b>	<b>Contract no. TSD.5P-3.2/1997 (7 Substations)</b>	<b>2000</b>	<b>14 x 115/22 kV 50 MVA Substation (600 Million baht)</b>
<b>5</b>	<b>Contract no. JOR.242/2539 (2 Substations)</b>	<b>1998</b>	<b>2 x 115/22 kV 50 MVA Substation (212 Million baht)</b>

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**PEA 115/22 kV AIS Substation : Nong Lalok Substation, Rayong  
Contract no. JOR.242/2539**



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**PEA 115/22 kV AIS Substation : Nong Lalok Substation, Rayong  
Contract no. JOR.242/2539**



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# **WORK EXPERIENCE IN OIL & GAS INDUSTRY**

<b>NO</b>	<b>PROJECT NAME / OWNER</b>	<b>YEAR OF COMPLEION</b>	<b>DESCRIPTION</b>
1	Trans Thai Malaysia Project: TTM / Transtel Engineering PTE LTD.	2004	Fiber Optic Cable Laying (97 km) Blowing Method
2	115 kV GIS for Central Utility Project 1 (CUP I) / PTT Utility Co., Ltd	2006	115 kV Indoor GIS Substation (110 Million Baht)
3	115 kV GIS for Central Utility Project 2 (CUP II) / PTT Utility Co., Ltd	2007	115 kV Indoor GIS Substation (200 Million Baht)
4	PTTUT-DEMCO-019-2548 / PTT Utility Co., Ltd	2006	Steam Distribution System to Ethoxylate Plant (78 Million baht)
5	S-PC-D-014/44 NPC	1999	22 kV Underground Cable System Power Supply to BTF & TTT (38 Million baht)

# 115 kV GIS Substation : PTT Utility Co., Ltd For Central Utility Project I



**Control Building**

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# 115 kV GIS Substation : PTT Utility Co., Ltd For Central Utility Project I



115 kV GIS

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# 115 kV GIS Substation : PTT Utility Co., Ltd For Central Utility Project II



**Control Building**

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# 115 kV GIS Substation : PTT Utility Co., Ltd For Central Utility Project II



115 kV GIS

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# PIPING WORK FOR PTT UT PROJECT



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# 22 kV Distribution Line System Rojana Industrial Park



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# ROJANA POWER PROJECT 115 kV TERMINAL SUBSTATION



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# 115 kV Underground Cable Project (PTT UT CUP 1 – TOCC)



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# YALA GREEN PROJECT

## Power Plant & 115 kV AIS Substation



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# YALA GREEN PROJECT

## Power Plant & 115 kV AIS Substation



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**For more information,  
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