

Solar Energy System Solution

Evaluation of the Effectiveness of the Use of Softwares in the Design of Power Complexes Based on Renewable Energy Resources

Our Address

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WelCom To Our Smart EPC Team

Our company emphasizes on timely, responsible and quality of work. In order to provide our customers with the safety of using the solar cell system and getting the best productivity in any environment.

Our company designs all systems based on engineering principles and our installation will be controled by 10 years experienced Engineer in Solar Engergy area. Our team has experienced in many kinds of project such as Solar Rootop, Solar Farm, Floating Solar and Off-grid/Hybridge Solar system with storage batteries.

Our Staffs all experienced in Solar system construction for morethan 5 years and all have pass work on high training and also safety training for each fuctory that we get for work. Our Staffs all experienced in many size of projects range from 3kWp residential till 5MWp solar farm and we were trust by many major companies in the market to be a part in many projects. Such as WHA, Super and etc.

The Company

2004-2006 We started a small business. Start with sewing curtains and cloth bags to various hospitals with few employees. 2007-2011 Started business launch Construction and additions, including the manufacture of wrought iron windows and doors which is the main contractor for SECON company including general people who order products to decorate the house.

2012-2022 Established and the registered company with a new perspective on renewable energy and has gathered people who have knowledge and abilities in the field of solar cells to participate in the development of the organization Starting from the installation of solar cells in various projects.



Our Mission

Our company emphasizes timely, responsible, and work quality. To provide our customers with the safety of using the solar cell system and getting the best productivity in any environment. Constuction team ability : 1 MW in only 1 month Operation respond : in 24 hrs. after get warning O&M team ability: 1 MW in 4 days

What We Offer

In our work experience of working in solar EPC, BOS, and labor parts. we found that the best way to solve all problems is professionally and frankly mind among partners so we will provide these key values to our partners and customers.

Our Vision

Our company will run business with ethical practices. We treat our customers as friends and partners, and everything that we doing choosing for our customers to be the best, trustworthy, and frankly. We give good care in choosing the product and also engineering standards. we take care of customer safety and also benefit customers on the solar cell system. We manage the installation in a good practice manner, so our project is done by schedule.

01. Highest Satisfaction

- What you think is what you get.
- Desing by ERC, PEA, MEA and IEEE.
- Quick installation.
- Customers can get estimated result before desition making.
- We use only high quarlity products.

03. **Best Productivity**

- Best Project management.
- Professional Design with 10Y exp.
- PVsyst with 3D shading simulation.
- 3D BIM estimate for accurate BOM.
- 6 Y exp. in solar rooftop installation.

02. Good Care of Customer

- Day to day monitoring.
- Quick Respond in 48 hr.
- Customer can call to get consult.
- Provided manual and training.
- Not running away from work.

04. Win Win situation

- Get deep information before work.
- Design by cutomer need.
- Optimized need and price.
- No request more budget. -
- Not provided beyond BOQ.
- Not provided beyond scope of work.

Our Recent Project

These are recently outstanding sample project of our team.



Being Subcontractor in installation labor for 999kWp at Thai Malaya Class Co., Ltd. Saraburi



Being Subcontractor in installation labor for 300kWp at HomePro Chiang Mai .



Being Subcontractor in DC wiring job of Solar Farm 10MW Projcts at Kanjana Buri.



Being Subcontractor in PV arrangement and DC wiring job of Solar Floating 1.4MW at AMATA City Rayong.



Being Subcontractor in installation labor for

999kW at Big C super Center Ayutthaya.



Being Subcontractor in PV arrangement and DC wiring job of Solar Farm DC farm 3.4MW at SAIC Moter (MG) at Rayong.



10 MWp Solar Farm

Owner

Main contractor **Process Engineering Service**

Contract type Labor DC part

Bangchak Corporation



5 MWp Solar Farm

Main contractor Superblock Public Company Limited Owner Office of Security Service Of Thailand

โรงงานผลิตไฟฟ้าจากพลังงานแสงอาทิตย์แบบ องค์การสงเคราะห์ทหารผ่านศึก ในพร ----โดยส์วนงาน สำนักงาน? ผู้ร่วมลงทุนโครงการ บริษัท อี

Contract type Job Labor

The War Veterans Organization

3.4 MWp Solar Car Park

Owner MG (SAIC Moter)

Main contractor Talesun Green Power Tech

Contract type Labor for DC Wiring



1.4 MWp Floating Solar

Owner AMATA C

Main contractor Talesun Green Poewr Tech

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Contract type Labor For DC Wiring

AMATA City (Rayong)

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Owner Thai Malaya Glass Company Limited

Main contractor Berli Jucker Public Company Limited

Contract type Job Labor

999.9 kWp Solar Rooftop

Owner Big C Ayutthaya

Main contractor Italthai Engineering Co., Ltd.

Contract type Labor

Owner HomePro

Main contractor KG Solar

Contract type BOS

HomePro (Chiang Mai)

Owner Summer La Salle Lasan 22

Main contractor Banpu Public Company Limited

Contract type Job Labor

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Owner HomePro (Chiang Mai)

Main contractor KG Solar

Contract type BOS



Owner Sa Luang Pittayakhom School

Main contractor Talesun Greenpower Tech

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Contract type BOS

Owner ANUBAN KHEHABANGPLEE SCHOOL

Main contractor Tripple Eight

Contract type BOS Project

Owner WHA Facility

Main contractor Talesun Greenpower Tech

Contract type BOS





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Owner TP HALO TEACHNO -ENERGY COMPANY LIMITED

Main contractor D-TECH CON CO., LTD.

Contract type EPC

Owner Summer C.S. Group

Main contractor Spark Group

Contract type Job Labor



Owner C.J. Expres

Main contractor Gunkul Engineering Public Company Limited

Contract type Job Labor

C.J. Express Group Co., Ltd.

30 kWp Solar Roof top Off-Grid

Owner Bangkok Border Patrol Police School Chef Charity

Main contractor PEA ENCOM

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Contract type Labor

Owner Charolotte House

Main contractor DTC

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Charlotte House Cate & Tea.44

Contract type EPC



5-10 kWp Solar Rooftop

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Owner Residential & Small business users

Main contractor Spark Group

Contract type BOS

0&M

O&M working scope

- Mini Scope
 - Cleaning (PV & Inverter & AC/DC cabinet)
 - PV module Physical crack inspection.
 - Screw tithening for mounting.
 - Cable tietening under PV Module.
- Medium Scope
 - Cleaning (PV & Inverter AC/DC cabinet)
 - PV module Physical crack inspection.
 - Hot spot checking.
 - I / V checking for each string.
 - Termoscan on all cable connectors.
 - Screw tithening for mounnting and Cable terminal.
 - Cable tietening under PV Module.
- Full Scope
 - Cleaning (PV & Inverter AC/DC cabinet).
 - PV module Physical crack inspection.
 - Hot spot checking.
 - Micro crack scan (check by eye).
 - I / V Curve checking for each string.
 - Termoscan on PV module and all cable connectors.
 - Screw tithening for mounnting and Cable terminal.
 - Cable tietening under PV Module.
 - System error checking.
 - System performance report.



