JTN
J.T.N.ENERGY CO.,LTD.

COMPANY PROFILE 2026

Engineering, Procurement & Construction
— Portfolio of Works, Installation Projects & Technical Expertise



10+
Year of Experience

JTN
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J.T.N.ENERGY COMPANY

was established in 2014 by a team of distinguished engineers with a shared vision for advancing sustainable and innovative solar energy technology.

We are deeply committed to helping our clients **optimize energy efficiency** and **minimize operational costs**. By leveraging our specialized expertise in electrical engineering, we deliver comprehensive renewable energy solutions designed to **foster sustainable, long-term partnerships and innovation**.

While we explore various avenues of renewable energy, our core strengths lie in the design, engineering, and implementation of **Solar Rooftop, Solar Farm, and Solar Floating systems**. With over 12 years of proven experience in managing complex electrical circuits, we integrate a "Safety First" philosophy into every phase of our projects, ensuring the highest standards of reliability and excellence.



Trusted by Industry Leaders

Providing smart energy solutions for our partners.

Over the years, we have collaborated with diverse companies to drive innovation and efficiency. From global enterprises to local pioneers, our clients trust us to deliver high-quality energy solutions that power a better future.

Core Capabilities in Solar EPC Contracting

Solar photovoltaic systems and their associated components are engineered and selected to deliver optimal long-term performance and operational sustainability.
The company provides **fully integrated EPC services,** encompassing engineering design, equipment procurement, and construction, through to system commissioning and long-term operations and maintenance.

* CO_2 avoidance estimated using Thailand's grid emission factor of 0.5182 kgCO_2/kWh and an average solar capacity factor of 16%.

Key Achievements

(Cumulative as of 2026)

110.211 MW

Total installed capacity across all completed solar EPC projects to date

17.837 MW

Capacity currently under construction and system commissioning

~95,740 tCO_2/yr

Estimated annual CO_2 emissions reduced through all operational and in-progress solar projects







Engineering Excellence

Our engineering team brings deep technical expertise to every project — from initial site assessment through to final system design. Every installation is backed by **rigorous analysis, precise load calculation,** and a thorough understanding of grid connection requirements.

To ensure the highest level of accuracy, we utilize PVSYST — the industry's most trusted simulation platform — to validate energy yield, assess shading impact, and optimize system configuration before construction begins.

- Grid-Connected System Simulation & Validation
- System Performance & Energy Yield Estimation
- Shading Analysis & Array Optimization
- Concept Design, Layout Planning







Project's Safety Management Plan

Solar system installation project
structured safety governance framework

All on-site personnel are required to comply with this Safety Management Plan prior to commencing any site activities, without exception.

This plan is developed in alignment with applicable **national occupational health and safety legislation,** including risk assessment, emergency preparedness, and procedural control standards.

Safety performance will be monitored, reviewed, and updated regularly throughout the project lifecycle to **ensure continuous improvement and regulatory compliance**.



safety officer

Safety Roles & Responsibilities

Occupational Safety & Health Plan

Emergency Assembly Point Plan

Safety Workflow Control Plan







Operation & Maintenance Service

Comprehensive inspection
and maintenance of solar systems

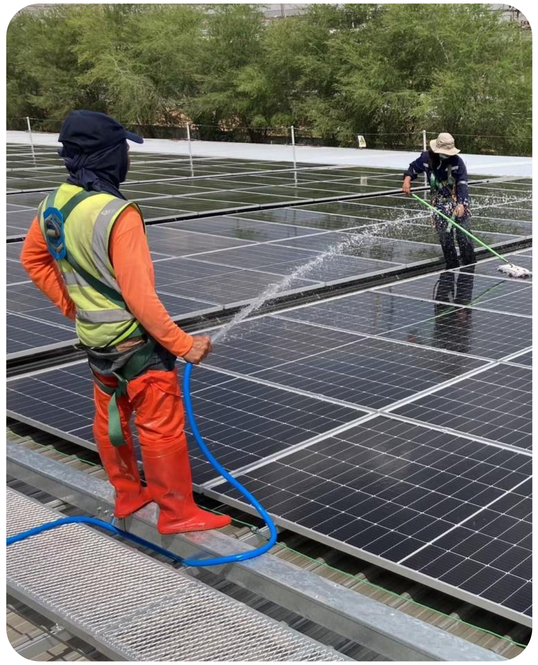
Our **O&M service** is designed to m**aximise system uptime** and **energy yield through scheduled preventive maintenance, real-time performance monitoring,** and **prompt corrective action** when required.

All maintenance work is carried out by **certified technicians** in strict accordance with manufacturer specifications, applicable electrical standards, and site safety requirements.

Detailed service reports are provided upon completion of each visit, documenting inspection findings, corrective actions taken, and recommendations for sustained system performance.

PV Modules

- Solar module physical integrity inspection
- Module operating temperature assessment
- Electrical parameter measurement and verification
- **Mounting structure** inspection and **fastener** torque verification
- Solar module **surface cleaning** and debris removal



Inverter Unit

- General condition inspection and unit cleaning
- Component condition inspection and operational function testing
- Electrical parameter measurement and verification
- **Inverter configuration** parameter review and verification



Electrical Panel & Components

- General condition inspection and enclosure cleaning
- Component condition inspection and operational function testing
- **Electrical parameter** measurement and verification
- Terminal connection integrity inspection and fastener torque verification













TIER 1
Bloomberg
NEW ENERGY FINANCE

Supply & Logistics Management

End-to-end procurement for solar PV equipment delivered on time, to specification, and with in project scope.

As an **authorised direct distributor of Jinko Solar** we provide access to Tier-1 photovoltaic modules with full manufacturer warranty, product certification and assured supply continuity for projects of all scales.

Full BOS supply — inverters, mounting structures circuit breakers, cabling, and protection devices from certified manufacturers.

All equipment is pre-delivery inspected fully documented, and delivered in coordination with project timelines.

* Jinko Solar — Global Tier-1 PV Manufacturer · Full product warranty IEC 61215, IEC 61730 และ ISO 9001 certified · Direct supply for all project scales



Project References

(Cumulative as of 2026)

OWNER

ONNEX by SCG

Solar Floating

A solar power system mounted on floating structures over water bodies saving land space while improving efficiency through natural water cooling.

NOBEL NC
Chainat

4.0MW



SUSUNN NKIE
Saraburi

3.1MW



Under Construction

Solar Farm

A large-scale solar power system installed across open land, designed to generate electricity on a commercial basis and feed it into the main transmission grid, thereby reinforcing energy security and meeting the electricity demands of a region or nation.

SMS Burirum
Burirum

2.5MW



Siriporn Rice Mill
Chachoengsao

3.1MW



Solar Rooftop

A solar power system installed on the rooftops of factories, warehouses or large commercial buildings to generate electricity for on-site industrial use reducing energy costs and dependence on the main power grid.










2.4MW
Sunflag (Thailand) Co.,Ltd.
Ayutthaya


1.3MW
SCG Thung Song
Nakhon Si Thammarat


2.2MW
SCG Ceramics NK1 Nong Khae
Saraburi

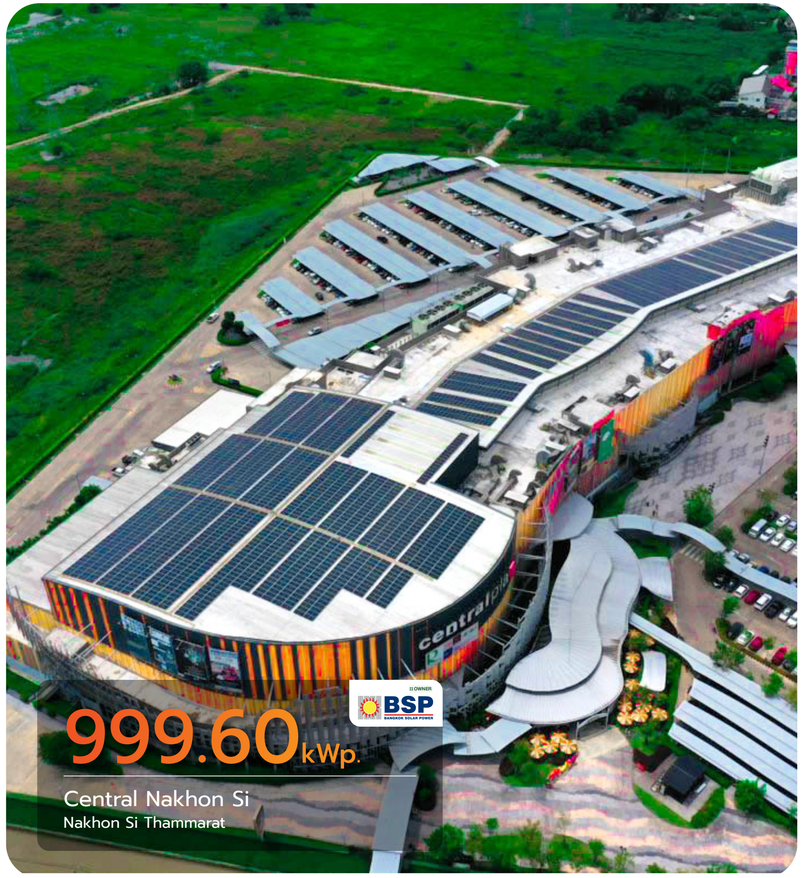

1.13MW
Narumi (Thailand) Co.,Ltd.
Rayong

Solar Rooftop

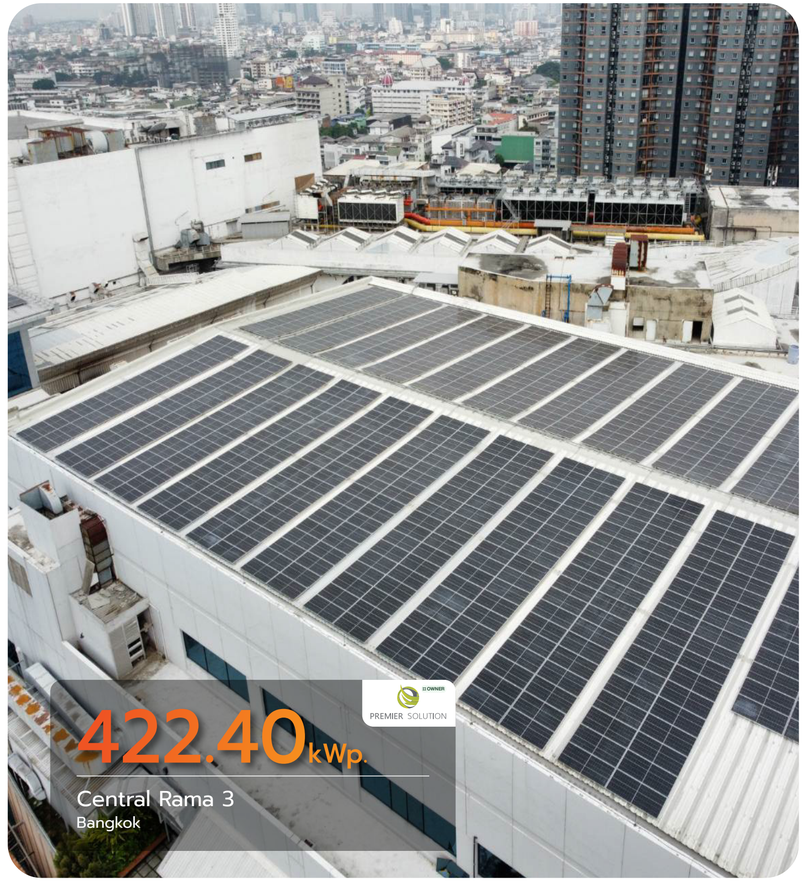
CENTRAL PATTANA

3 Project ✦
there are completed projects in total.

- Central Nakhon Si @ Nakhon Si Thammarat
- Central Salaya @ Nakhon Pathom
- Central Rama 3 @ Bangkok

















Solar Rooftop

HomePro

20 Project

there are completed projects in total.

Project List	Capacity
HomePro Ekamai (Ramintra)	999.05 kWp.
HomePro Ratchapruek	999.05 kWp.
HomePro Krungthep Kreetha	999.05 kWp.
HomePro Bang Saray	1.01 MW.
HomePro Samui	852.60 kWp.
HomePro Mae Sai	999.68 kWp.
HomePro Laem Chabang	901.90 kWp.
HomePro Phutthamonthon Sai 4	999.68 kWp.
HomePro Hua Hin	1.14 MW.
HomePro Lamphun	900.16 kWp.
HomePro Phuket (Cherng Talay)	950.04 kWp.

Next >>

Project List	Capacity
HomePro Phuket (Chaofa)	999.78 kWp.
HomePro Rayong (Thapma)	999.92 kWp.
HomePro Bang Bua Thong	999.78 kWp.
HomePro Pluak Daeng	900.60 kWp.
HomePro Thung Song	900.60 kWp.
HomePro Lat Krabang	999.90 kWp.
HomePro Trang	696.87 kWp.
HomePro Phatthalung	240.30 kWp.









<< Back

Solar Rooftop

11 Project
there are completed projects in total.

Project List	Capacity
Mega Home Wiang Sa	751.20 kWp.
Mega Home Phuket (Chaofa)	999.78 kWp.
Mega Home Pluak Daeng	900.60 kWp.
Mega Home Udon Thani	741.40 kWp.
Mega Home Thung Song	900.60 kWp.
Mega Home Chachoengsao	908.60 kWp.
Mega Home Surat Thani	900.00 kWp.

Project List	Capacity
Mega Home Chiang Mai	899.62 kWp.
Mega Home Rattanathibet	999.44 kWp.
Mega Home Kabin Buri	464.58 kWp.
Mega Home Aranya Prathet	464.58 kWp.





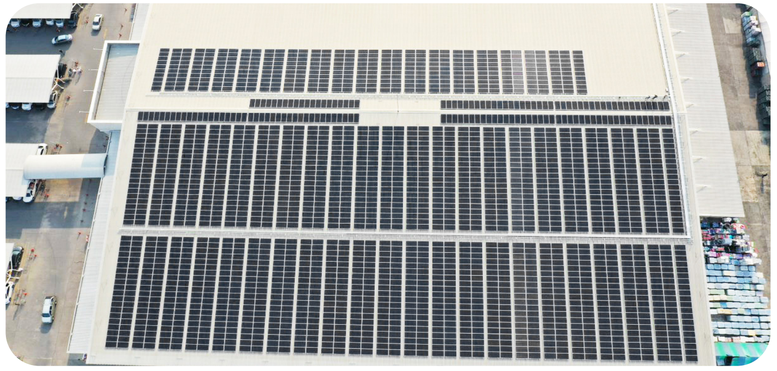












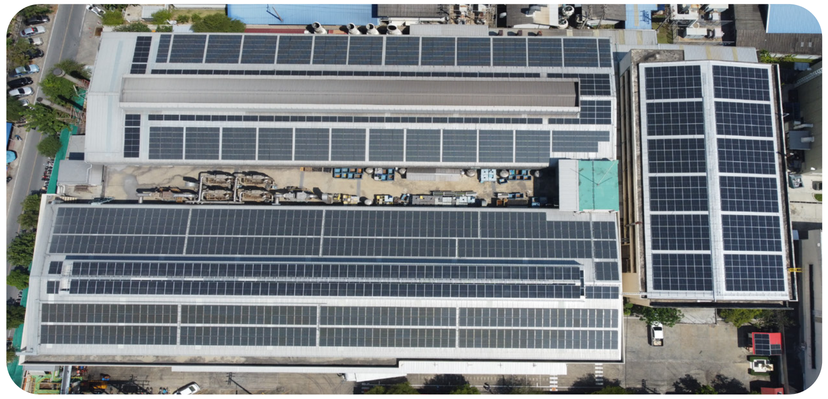
Solar Rooftop

makro **11** Project ✦

there are completed projects in total.

Project List	Capacity
Makro Ram24	227.07 kWp.
Makro Thung Song	540.27 kWp.
Makro Satun	540.27 kWp.
Makro Phatthalung	632.23 kWp.
Makro Latkrabang	126.72 kWp.
Makro Lop Buri	699.00 kWp.
Makro Ayutthaya	792.00 kWp.
Makro Pathum Thani (Klongluang)	732.00 kWp.
Makro Nonthaburi (Nakhon In)	594.00 kWp.
Makro Bang Bua Thong	514.00 kWp.
Makro Pathum Thani	561.00 kWp.


Projects
References
— Other

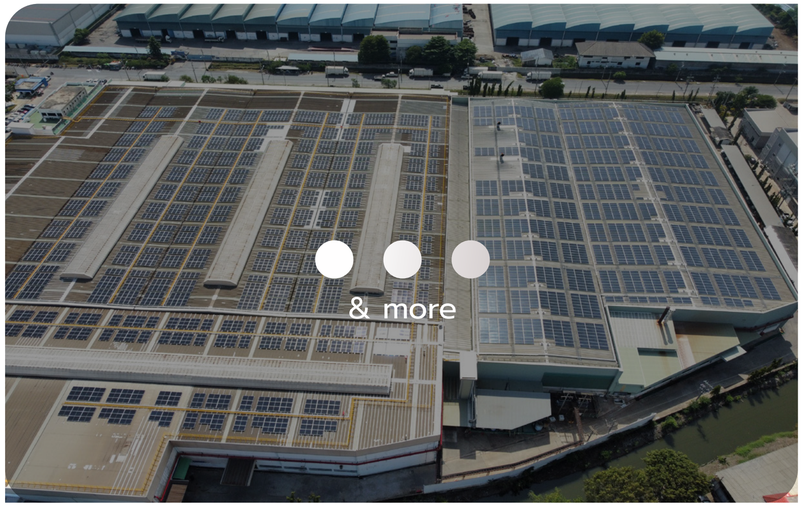











& more

Battery

A battery energy storage system (BESS) successfully installed and now in operation at the office premises.
The system stores electrical energy and delivers power on demand, helping reduce peak load,
improve energy efficiency, and strengthen power supply reliability for the facility

Office J.T.N.ENERFY
Pathum Thani

0.2MW









Substation

Substation systems designed to transform and distribute electrical power safely and efficiently, connecting power generation and consumption to the transmission grid. Our projects support stable, reliable, and secure power delivery across a wide range of applications.

SNK3
Sakon Nakhon | 115kV







105+

Projects Completed

(Cumulative as of 2026)

As follows

(As of today)

Solar Floating	2 Project	
Solar Farm	2 Project	Under Construction
Solar Rooftop	102 Project	
Battery	1 Project	
Substation	1 Project	Under Construction

(As of today)

* Numbers are subject to change as some projects are currently under construction

Project List	Capacity
Solar Floating | Nobel Nc , Chainat	4.0 MW.
Solar Floating | Susunn NKIE , Saraburi	3.1 MW.
Solar Rooftop | Broadway Precision , Saraburi	3.42 MW.
Solar Rooftop | Thai Stanley Electric , Pathum Thani	3.77 MW.
Solar Rooftop | Thai Beverage Can , Saraburi	3.0 MW.
Solar Rooftop | Siam Kubota Corporation , Chonburi	2.5 MW.
Solar Rooftop | Sunflag Thailand Co.,Ltd. , Ayutthaya	2.4 MW.
Solar Rooftop | SCG Ceramics NK1 Nong Khae , Saraburi	2.2 MW.
Solar Rooftop | Siam Quality Starch , Chaiyaphum	2.02 MW.
Solar Rooftop | SCG Thun Song , Nakhon Si Thammarat	1.3 MW.
Solar Rooftop | Narumi Thailand Co.,Ltd. , Rayong	1.13 MW.
Solar Rooftop | SINGHA Beverage Bang Len , Nakhon Pathom	1.01 MW.
Solar Rooftop | Home Ceramic (Klaeng) Phase2 , Rayong	114.30 kWp.
Solar Rooftop | Home Ceramic (Thap Ma) Phase3 , Rayong	191.10 kWp.
Solar Rooftop | Meiyume Manufacturing (Thailand) , Pathum Thani	411.84 kWp.
Solar Rooftop | Prepack (PTSS1) Phase2 , Samut Sakhon	400.40 kWp.
Solar Rooftop | JWD Chaing Mai , Chaing Mai	248.92 kWp.
Solar Rooftop | Future Park Rangsit New Parking , Pathum Thani	302.40 kWp.
Solar Rooftop | Future Park Rangsit Van Station , Pathum Thani	313.60 kWp.
Solar Rooftop | Goodyear Phase2 Car Park , Pathum Thani	122.98 kWp.
Solar Rooftop | Goodyear Phase3 , Pathum Thani	400.20 kWp.
Solar Rooftop | Daiwa Kasei Ayutthaya TH Phase2 , Ayutthaya	549.99 kWp.
Solar Rooftop | Ban Kanom Nuntawan , Phetchaburi	252.00 kWp.
Solar Rooftop | AI Energy , Samut Sakhon	498.96 kWp.
Solar Rooftop | Simple Foods Phase2 , Pathum Thani	130.90 kWp.

Project List	Capacity
Solar Rooftop | Thai Summit PKK , Chonburi	999.60 kWp.
Solar Rooftop | Food Futures , Songkhla	999.60 kWp.
Solar Rooftop | JWD Bangna , Samut Prakan	530.70 kWp.
Solar Rooftop | Alpha Rangsit , Pathum Thani	731.52 kWp.
Solar Rooftop | Chaiyaphum Plant , Nakhon Ratchasima	487.20 kWp.
Solar Rooftop | General Beverage , Nakhon Pathom	999.18 kWp.
Solar Rooftop | Nitro Chemical Industry , Samut Sakhon	662.50 kWp.
Solar Rooftop | Nobel NC , Chai Nat	417.20 kWp.
Solar Rooftop | Urgo Healthcare Products , Pathum Thani	302.50 kWp.
Solar Rooftop | CHABAA 137 , Pathum Thani	992.00 kWp.
Solar Rooftop | CHABAA 135 , Pathum Thani	992.00 kWp.
Solar Rooftop | Samitivej Srinakarin Hospital , Bangkok	434.38 kWp.
Solar Rooftop | Roechling Automotive , Chon Buri	508.40 kWp.
Solar Rooftop | Siam Kubota Metal Technology , Chachoengsao	626.40 kWp.
Solar Rooftop | Gulf JP Kp1-Kp2 Nong Khae , Saraburi	190.46 kWp.
Solar Rooftop | Tawana Container , Samut Prakan	999.90 kWp.
Solar Rooftop | Simple Foods , Pathum Thani	869.90 kWp.
Solar Rooftop | GlassForm , Nonthaburi	999.44 kWp.
Solar Rooftop | S&P Syndicate , Bangkok	532.56 kWp.
Solar Rooftop | Etix Everywhere , Samut Prakan	843.48 kWp.
Solar Rooftop | Lucky Star Weaving , Ratchaburi	999.46 kWp.
Solar Rooftop | Lucky Star Coating , Ratchaburi	620.68 kWp.
Solar Rooftop | Bangkok Cable , Samut Prakan	914.51 kWp.
Solar Rooftop | Mitsubishi Electric , Bangkok	261.60 kWp.
Solar Rooftop | Phetchabun Rajabhat University , Phetchabun	884.52 kWp.

Project List	Capacity
Solar Rooftop | Home Ceramic , Chanthaburi	122.08 kWp.
Solar Rooftop | Home Ceramic , Rayong	106.82 kWp.
Solar Rooftop | Innova Polymer , Suphanburi	531.36 kWp.
Solar Rooftop | Wave Product , Suphanburi	204.12 kWp.
Solar Rooftop | Thai Techno Glass , Nakhon Pathom	826.80 kWp.
Solar Rooftop | Betagro , Nakhon Pathom	425.00 kWp.
Solar Rooftop | Lotus's (Cha Am) , Phetchaburi	490.80 kWp.
Solar Rooftop | Pro-Finish (Lat Krabang) , Bangkok	488.61 kWp.
Solar Rooftop | Lakthanakun , Lumphun	299.70 kWp.
Solar Rooftop | Novacyl , Samut Pakan	190.00 kWp.
Solar Rooftop | Solvay , Samut Pakan	170.00 kWp.
Solar Rooftop | Forturn Part Industry , Pathum Thani	997.00 kWp.
Solar Rooftop | SPM Feed Meal , Ratchaburi	999.00 kWp.
Solar Rooftop | Goodyear Phase1 , Pathum Thani	149.00 kWp.

8 Project

Under Construction

Project List	Capacity
Solar Floating | Lumphun Industrial	8.15 MW.
Solar Rooftop | Andaman Seafood	1.318 MW.
Solar Rooftop | HP-Phuket (Thepkrasatee)	1.50 MW.
Solar Rooftop | SCG Cement (Kaeng Khoi)	184.15 kWp.
Solar Rooftop | SCI Eco Service	974.4 kWp.
Solar Farm | Siriporn Rice Mill , Chachoengsao	3.02 MW.
Solar Farm | SMS Buriram , Buriram	2.50 MW.
Solar Rooftop | SMS Buriram , Buriram	190.08 kWp.

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J.T.N.ENERGY CO.,LTD.

THANK *You*

บริษัท เจ.ที.เอ็น.เอเนอจิ จำกัด
J.T.N.ENERGY CO., LTD.