

GLOBAL GREEN ENERGY CONSULTING JOINT STOCK COMPANY (GEK)

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**GLOBAL GREEN ENERGY CONSULTING
JOINT STOCK COMPANY**

COMPANY PROFILE



**VERSION
2024**

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OPEN LETTER

Dear Appreciated Customers and Partners,

First of all, Global Green Energy Consulting Joint Stock Company (GEK) would like to extend our best wishes for health, happiness, and prosperity to our valued customers and partners. We sincerely thank you for your trust in our company throughout this journey.

Global Green Energy Consulting Joint Stock Company (GEK) was established on October 17, 2010, initially known as Power Consulting Joint Stock Company 1 (PCSC1). GEK takes pride in being a comprehensive provider of solutions in "Project investment consulting, design, appraisal, and construction of power lines and substations". Over 13 years of formation and development, GEK has accumulated certain achievements, becoming a solid foundation that has propelled businesses to grow from traditional energy projects in the early days to a diversified model in terms of scale and service nature such as underground cable systems, offshore projects, distribution substations utilizing GIS technology, Compact technology, the application of BIM technology in designing offshore platforms or substations, as well as projects related to wind power, solar power, and waste-to-energy plants, etc.

In addition to the survey and design consulting field, GEK continuously strives to enhance and expand its comprehensive service package, specialized agreements, and power generation services to meet all needs for domestic and foreign EPC projects.

Consistently implementing the motto **"Far Beyond Trust"** we always prioritize the goal of continuously improving the quality of our services and technologies to optimize efficiency and costs for consulting and technical solutions, thereby ensuring operational performance for all projects. GEK considers it as the core to creating competitive strength and developing the business.

We hope that Global Green Energy Consulting Joint Stock Company (GEK) will continue to receive the trust and companionship of customers and partners with its dedication and professionalism.

**Best Regards,
General Director**



STRATEGIC PARTNERSHIP

INTERNATIONAL PARTNERS



DOMESTIC PARTNERS



EVN



EVN NPT



EVN NPT
PTC1



EVN NPC



EVN CPC



EVN SPC



EVN HANOI



EVN HCMC



EVN PECC1



EEMC

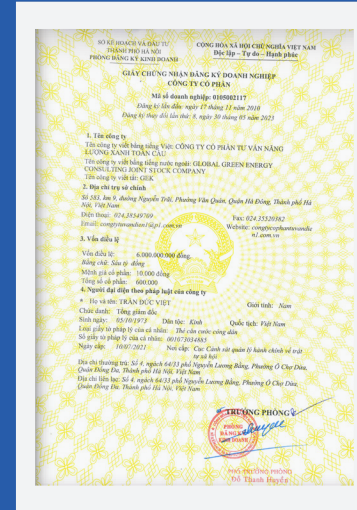
PECC5



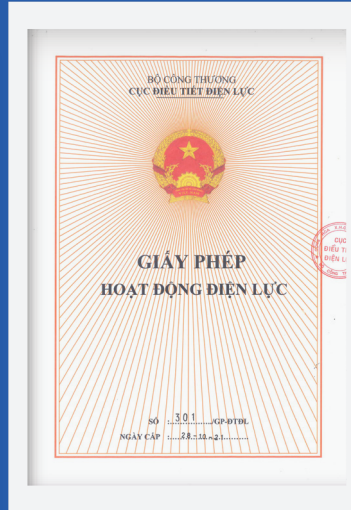
FINANCIAL PARTNERS



CERTIFICATIONS & REWARDS



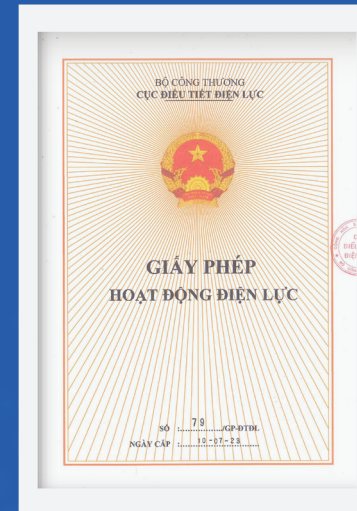
Business License



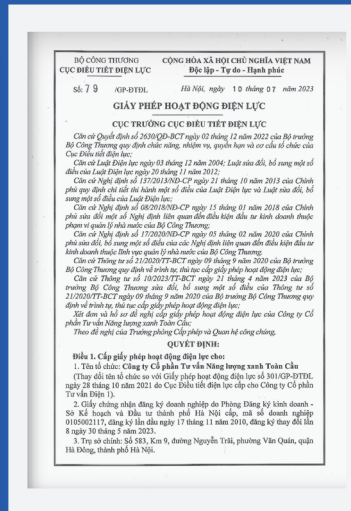
Electricity Operating License



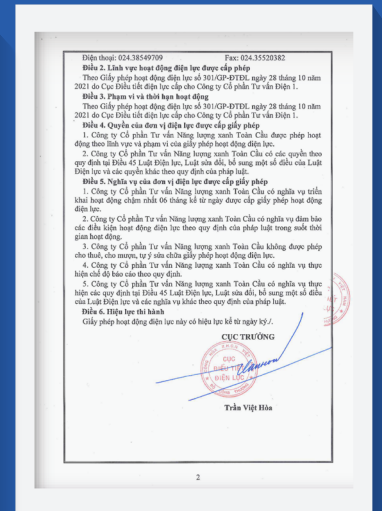
ISO 9001:2015



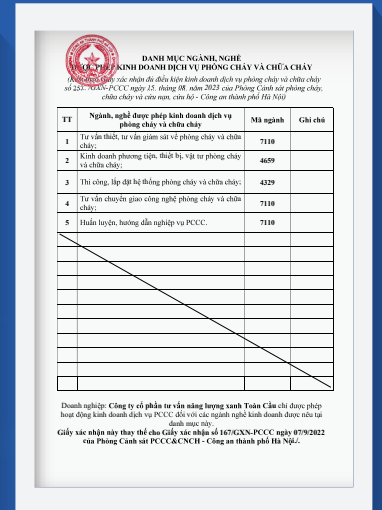
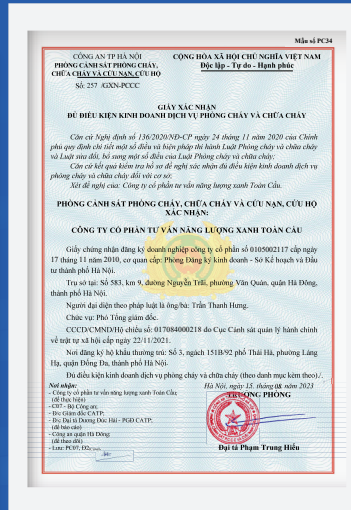
Electricity Operating License



Confirmation Certificate of Adequate Conditions for Fire Prevention and Fighting Services Business



Construction Operation Capacity Certificate



VISION - MISSION CORE VALUES

VISION

Vision to 2030 to reach the Top 10 Green and New Energy Technology Consulting, Solutions and Services Enterprises in Vietnam.

MISSION

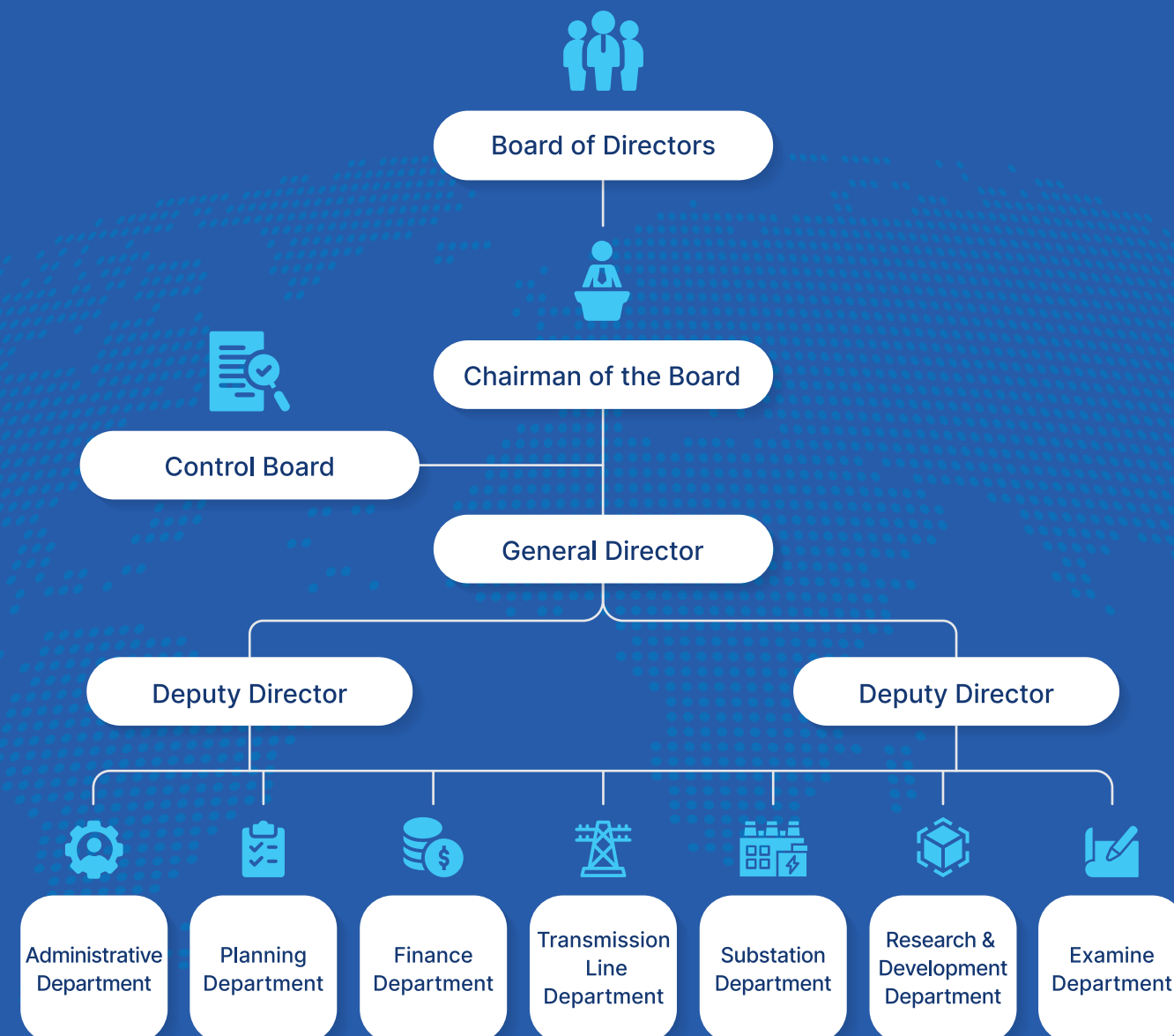
- **For Customers:** Providing effective, creative solutions, design consulting and creating sustainable Smart Power projects, contributing to the development of society, ensuring national energy security family.
- **For Employees:** Taking people as the focus, developing people is developing the internal strength of the Enterprise.
- **With Society:** Always set development goals in parallel with increasing benefits for the community and society.

CORE VALUE

To realize the Vision and Mission, GEK focuses on 5 core values:



ORGANIZATIONAL STRUCTURE



HUMAN RESOURCES

GEK is constantly conscious of the fact that "human resources are invaluable assets," and the company's employees are engineers and specialists with professional credentials and excellent education, trained at prominent colleges in Vietnam. Vietnam's Polytechnic University, Electricity University, Civil Engineering University, Architecture University... offer majors such as Electrical systems, Automation, Electrical engineering, Construction, Topography - Geography Quality, Economics - Finance, Economics - Management, Energy Economics, Construction Economics, and so on.

With more than half of the personnel having over ten years of expertise in design consultancy for local and international energy projects. The majority of GEK's personnel are young, highly qualified individuals who are full of excitement, vitality, and originality. This is regarded as the Company's strength, since it consistently meets all of the market's, partners', and customers' most severe standards.

On the other hand, GEK also always focuses on training to improve professional capacity, ensuring human resources are always at the forefront, grasping advances in domestic and international science and technology.



EQUIPMENT CAPACITY

SURVEYING

GEK is fully equipped with vehicle equipment, advanced machinery, and data processing software for survey work: geological and topographic drilling machines, flycams, high-precision electronic total stations, and high-precision electronic total stations. level measuring, testing machines,...



SPECIALIZED CALCULATION & DESIGN SOFTWARE

GEK always focuses on investing and equipping modern specialized design calculation software in the fields of electrical system calculation and building BIM models that meet international standards. 100% of engineers are regularly trained to absorb new technologies during the transfer and cooperation process with domestic and foreign partners.



ELECTRICITY SUPPLY



In line with "Vietnam's National Energy Development Strategy until 2015," we always focus on formulating plans and strategies for developing power source projects, particularly in the field of renewable energy. The Government's "Vision 2030, Vision 2050." With a variety of services available at various stages, such as planning, design consultation, and monitoring consulting for wind power projects, solar power, waste power, energy storage systems, and so on.



ELECTRIC GRID

With a team of experienced engineers and the use of advanced technology in consulting work, one of GEK's strengths is consulting on the building of 110kV, 220kV to 500kV transmission line and substation projects. Creating smart, sustainable electrical projects that contribute to societal progress and national energy security.

SURVEY



GEK recognizes that surveying activities for energy projects are crucial in determining the success of the projects. GEK focuses on many project survey activities such as topographic survey, geology, hydrometeorology, environmental impact assessment (EIA), and exploration of underground works.

To ensure optimal efficiency in surveying and report preparation, we continuously update our tools and equipment with the latest generation technologies, such as Flycam, GPS devices, total stations, hydrographic equipment, and integrate modern calculation software like HHMAP, DPSurvey, etc.



SUPPLY AND INSTALLATION OF PROJECTS

Thanks to a team of experienced engineers, diverse machinery systems, and modern, streamlined, and effective management methods, GEK is capable of performing services of supplying, installing, testing, and calibrating telecommunications equipment systems, supplying and installing construction equipment for electrical works to ensure progress, high quality, and safety. This is highly appreciated by many investors and general contractors.



FEATURED PROJECTS

ELECTRICITY SUPPLY PROJECTS

- **Hanbaram Wind Power Plant**

Stage: Pre-F/S - Technical Design - Financial Design
Scale: 117MW **Location:** Ninh Thuan

- **IA BANG 1 Wind Power Plant**

Stage: Technical Design - Technical Design
Scale: 50MW **Location:** Gia Lai

- **Dam Nai Wind Power Plant (phase 2)**

Stage: Technical Design - Technical Design
Scale: 30MW **Location:** Ninh Thuan

- **Phu Lac Wind Power Plant (Phase 2)**

Stage: Technical Design - Technical Design
Scale: 25,2MW **Location:** Binh Thuan

- **Bao Lac A Hydropower Plant**

Stage: Pre-F/S
Scale: 30MW **Location:** Ninh Thuan

- **Thuong Ha Hydroelectric Power Plant**

Stage: Pre-F/S
Scale: 30MW **Location:** Cao Bang

- **Bao Lac B Hydropower Plant**

Stage: Technical Design - Technical Design
Scale: 2×9MW **Location:** Cao Bang

- **Industrial Waste Treatment Complex, Domestic Solid Waste for Electricity Generation in Phu Lang, Que Vo Distric**

Stage: Pre-F/S - Technical Design - Financial Design
Location: Bac Ninh

And many other projects have been and are being implemented





- **Phu Yen 220kV Substation and Transmission Line**
Stage: Pre-F/S
Scale: 3×125MVA **Location:** Son La
- **New Construction of 220kV Long Bien 2 Substation (Gia Lam) and Transmission Line**
Stage: Pre-F/S
Location: Hanoi
- **220kV Transmission Line to Dak Mi 1 Hydropower Plant**
Stage: Pre-F/S - Technical Design - Financial Design
Location: Kon Tum - Quang Nam
- **Substation and 220kV Transmission Line of Song Bo Hydropower Plant**
Stage: Technical Design - Technical Design
Scale: 25MVA **Location:** Thua Thien Hue
- **Undergrounding the 220kV High-Voltage Line to Serve Site Clearance for the Ring Road 3.5 Construction Project in Hoai Duc District**
Stage: Pre-F/S - Technical Design - Financial Design
Location: Hanoi
- **Construction of Le Van Luong Underground Tunnel - Belt 3**
Stage: Technical Design - Technical Design
Location: Hanoi
- **Hoa Phat Dung Quat 2 Steel 110kV Substation**
Stage: Pre-F/S - Technical Design - Financial Design
Scale: 6×100MVA **Location:** Quang Ngai
- **New Construction of 110kV Duong Noi Substation**
Stage: Pre-F/S - Technical Design - Financial Design
Scale: 2.63MVA **Location:** Hanoi
- **New Construction of 110kV Bac Thanh Cong Substation**
Stage: Pre-F/S - Technical Design - Financial Design
Scale: 2.63MVA **Location:** Hanoi

And many other projects have been and are being implemented

||| SURVEY, SUPPLY, AND CONSTRUCTION AND INSTALLATION

GEK has provided specialized consulting services, energizing procedures and is a construction contractor for many projects, typically:

- **Nam Son Waste Treatment Plant**

Services: Construction and Installation

Location: Soc Son, Hanoi

- **Bao Lam 1 Hydroelectric Plant**

Services: Line Construction and Power Supply Substation Construction

Location: Cao Bang

- **Moving Phu Tho 35kV Line - Supply of Materials and Equipment, Construction**

Services: General Construction Contractor

Location: Phu Tho



LIST OF IMPLEMENTED TYPICAL PROJECTS

Global Green Energy Consulting Joint Stock Company (GEK) has designed and constructed hundreds of projects, factories, workshops, and industrial zones for numerous domestic and international investors. Here are some typical projects that GEK has implemented:

NO	PROJECTS	SURVEY	F/F/F/S	TECHNICAL DESIGN	SPECIALIZED AGREEMENTS	CONSTRUCTION	LOCATION
I. RENEWABLE ENERGY							
1	Bao Lam 3 Hydropower Plant	x	x	x	x		Cao Bang
2	Bao Lam 1 Hydropower Plant	x	x	x	x		Cao Bang
3	Bao Lam 3A Hydropower Plant	x	x	x			Cao Bang
4	Dam Nai Wind Power Plant (Phase 2)	x		x	x		Ninh Thuan
5	Phong Dien Solar Power Plant			x	x		Thua Thien Hue
6	Bao Lac B Hydropower Plant			x	x		Cao Bang
7	Nam Luc Hydropower Plant	x	x	x	x		Lai Chau
8	Nam Luc 2 Hydropower Plant	x		x	x		Lai Chau
9	Wind Power Plant Phong Lieu, Phong Huy, Phong Nguyen	x					Quang Tri
10	TTC - Ham Phu 2 Solar Power Plant			x	x		Binh Thuan
11	BMT Solar Power Plant (Buon Me Thuot)	x		x	x		Dak Lak
12	GAIA Solar Power Plant	x	x		x	x	Long An
13	Quoc Vinh Soc Trang Wind Power Plant			x			Soc Trang
14	Ia Bang 1 Wind Power Plant	x		x	x		Gia Lai
15	Phu Lac Wind Power Plant – Phase 2	x		x	x		Binh Thuan
16	Hanbaram Wind Power Plant	x	x	x	x		Ninh Thuan
17	Bao Lac A Hydropower Plant	x		x			Cao Bang

NO	PROJECTS	SURVEY	F/F/F/S	TECHNICAL DESIGN	SPECIALIZED AGREEMENTS	CONSTRUCTION	LOCATION
18	Tan Phu Dong 2 Wind Power Plant	x		x			Tien Giang
19	Hoa Binh 2 Wind Power Plant	x		x	x		Bac Lieu
20	Khai Long 2&3 Wind Power Plant	x		x	x		Ca Mau
21	Dong Thanh Wind Power Plant 1, 2 Increase The Cross Section of 110kV Conductors Connecting to The Factory	x		x	x		Tra Vinh
22	Eco Seido Tuy Phong Solar Power	x	x			x	Binh Thuan
23	Complex for Treating Industrial Waste and Domestic Solid Waste to Generate Electricity in Phu Lang Commune, Que Vo District	x	x	x	x		Bac Ninh

II. 220KV POWER GRID							
1	220kV Substation and Transmission Line of Song Bo Hydropower Plant	x		x	x		Thua Thien Hue
2	Undergrounding The 220kV High-Voltage Line to Serve Site Clearance for The Ring Road 3.5 Construction Project in Hoai Duc District	x	x	x			Hanoi
3	Construction of Le Van Luong Underground Tunnel - Belt 3	x		x			Hanoi
4	Hung Hai Gia Lai Wind Power Plant	x		x			Gia Lai
5	Tan Phu Dong Wind Power Plant (Region 1)			x			Tien Giang
6	220kV Transmission Line of Dak Mi 1 Hydropower Plant	x		x			Kon Tum, Quang Nam
7	New Construction of 220kV Long Bien 2 Substation (Gia Lam) and Transmission Line	x	x				Hanoi
8	Phu Yen 220kV Substation & Transmission Line	x	x		x		Son La

III. 110KV POWER GRID							
1	Tu Liem 110kV Substation and Transmission Line	x	x				Hanoi
2	Upgrade and Renovate 110kV Yen Phu - E1.8 Substation into a GIS Station		x	x			Hanoi
3	Yen Phong 3 110kV Substation and Transmission Line	x		x			Bac Ninh
4	Renovating the 110kV Transmission Line Ha Dong - Son Tay (173E1.4 to 172E1.7)			x			Hanoi
5	Construction of 110kV Circuit 2 Line Van Tri E1.23 - Quang Minh E1.36 and Installation of Additional 110kV Feeders at Quang Minh Substation E1.36		x				Hanoi
6	New Construction of 110kV Duong Noi Substation	x	x	x			Hanoi
7	New Construction of 110kV Substation Connecting to 220kV Quoc Oai Level (West of Hanoi)		x	x			Hanoi

NO	PROJECTS	SURVEY	F/F/F/S	TECHNICAL DESIGN	SPECIALIZED AGREEMENTS	CONSTRUCTION	LOCATION
8	Kim Chung 110kV Transmission Line and Substation	x	x	x			Hanoi
9	New Construction of 110kV Dai Kim Substation (Kim Giang)	x	x	x			Hanoi
10	New Construction of Linh Nam 110kV Substation and Mai Dong - Linh Nam Transmission Line	x	x	x			Hanoi
11	New Construction of 110kV Bac Thanh Cong Substation and Transmission Line	x	x	x			Hanoi
12	Construction of LG Display 110kV Line	x		x			Hai Phong
13	Construction of a 110kV Line from The 500/220kV West Hanoi Substation (Quoc Oai) Connecting to The 110kV Line of Highway 173 Ha Dong - Son Tay	x		x			Hanoi
14	Undergrounding The 110kV Line on Highway 173, 174 E1.40 Tay Ho - 171, 172 E1.3 Mai Dong Phase 1, Section from 110kV Substation Yen Phu - Tran Hung Dao	x	x	x			Hanoi
15	Construction of 110kV Tay Ho - Yen Phu Underground Cable Line			x			Hanoi
16	Phu Luong 110kV Substation and Transmission Line for The Substation	x	x				Hanoi
17	New Sonstruction of 110kV Feeders from Van Dien 220/110kV Substation	x	x				Hanoi
18	New Construction of 110kV Trau Quy Substation and Transmission Line	x	x				Hanoi
19	New Construction of 110kV Phu Dong Substation (Gia Lam 3) and Transmission Line	x	x				Hanoi
20	New Construction of Tay Mo 110kV Substation and Transmission Line	x	x				Hanoi
21	New Construction of 110kV CNC 2 Substation and Transmission Line	x	x				Hanoi
22	New Construction of Underground Cable Line from Nghia Do 110kV Substation to Thu Le Park 110kV Substation	x		x			Hanoi
23	New Construction of Ha Dong 2 110kV Substation	x	x				Hanoi
24	An Duong 110kV Transmission Line and Substation, Hai Phong City	x	x				Hai Phong
25	110kV Feeder After 220kV An Lao Substation, Hai Phong City	x	x				Hai Phong
26	Cau Rao 110kV Transmission Line and Substation, Hai Phong City	x	x	x			Hai Phong
27	Hoa Phat Dung Quat 2 Steel 110kV Substation	x	x				Quang Ngai
28	Nhu Thanh 110kV Transmission Line and Substation, Thanh Hoa Province	x	x	x			Thanh Hoa
29	Dong Son 110kV Transmission Line and Substation, Thanh Hoa Province	x	x	x			Thanh Hoa
30	Construction of a 110kV Line from The 500/220kV West Hanoi Substation (Quoc Oai) Connecting to The 110kV North An Khanh - South An Khanh Line			x			Hanoi

NO	PROJECTS	SURVEY	F/F/F/S	TECHNICAL DESIGN	SPECIALIZED AGREEMENTS	CONSTRUCTION	LOCATION
31	Gia Binh 110kV Transmission Line and Substation, Bac Ninh Province	x	x				Bac Ninh
32	Van Huong 110kV Transmission Line and Substation, Hai Phong City	x	x	x			Hai Phong
33	10kV Feeder After Nam Cam 220kV Substation, Nghe An Province	x	x	x			Nghe An
34	New Construction of 110kV Underground Cable Line from 220kV Van Dien Substation - Separating Thuong Dinh Transmission Line	x	x				Hanoii
35	Supplying Power to Yen Lenh Industrial Cluster	x	x		x		Ha Nam
36	Tra Linh 110kV Transmission Line and Substation, Thai Binh Province	x	x	x			Thai Binh
37	New Construction of 110kV Substation with COFO Tires		x	x	x		Thanh Hoa
38	Survey and Design The OCC Signal Receiving System	x		x			Hàanoi
39	Vinh Hao 6 Solar Power Plant				x		Binh Thuan
40	Nam Son Waste Treatment Plant	x	x		x	x	Hanoi
41	Moving Phu Tho 35kV Line					x	Hanoi

