

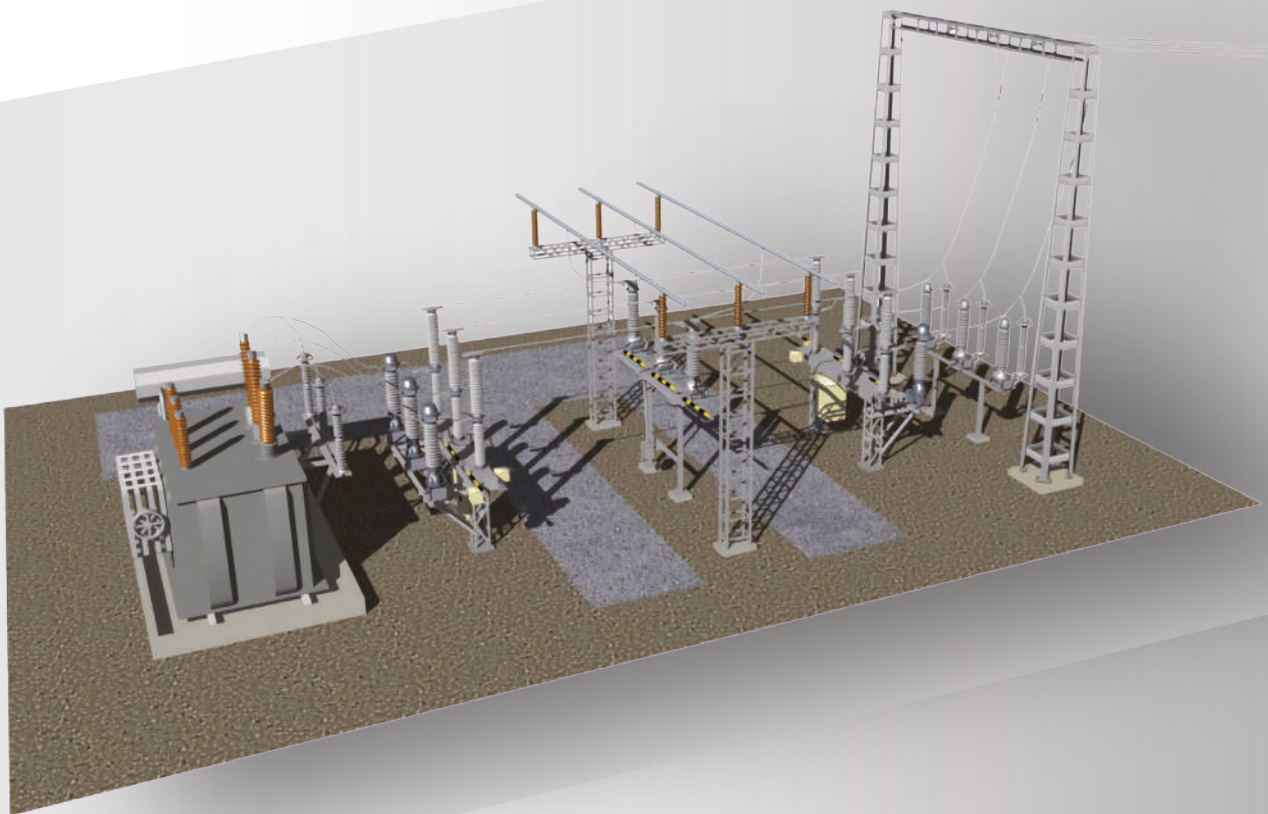
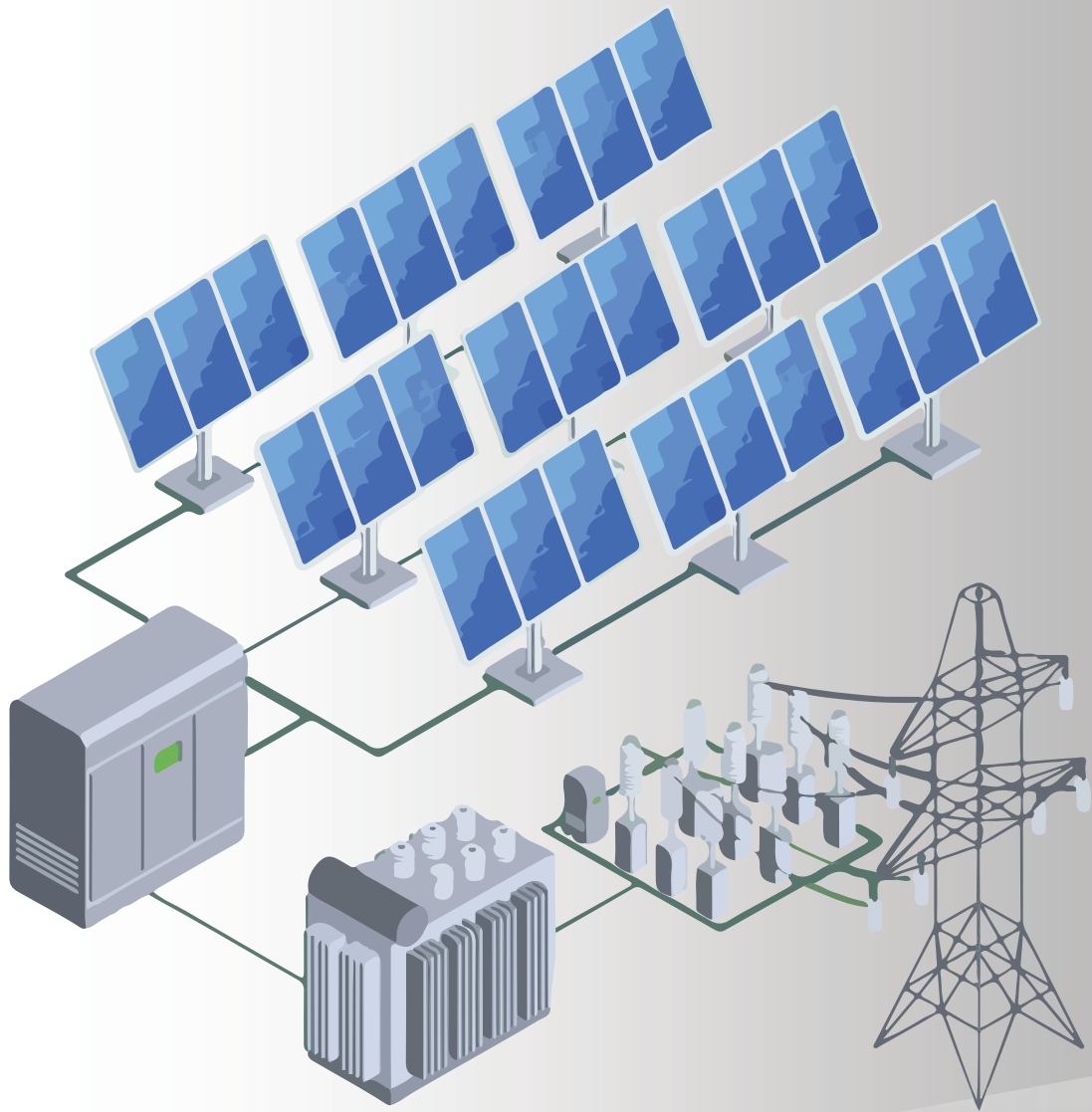
NORTH POWER COMPANY

Your Partner in Engineering



COMPANY PROFILE 2024





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1. Executive Director Message

Dear Customer,

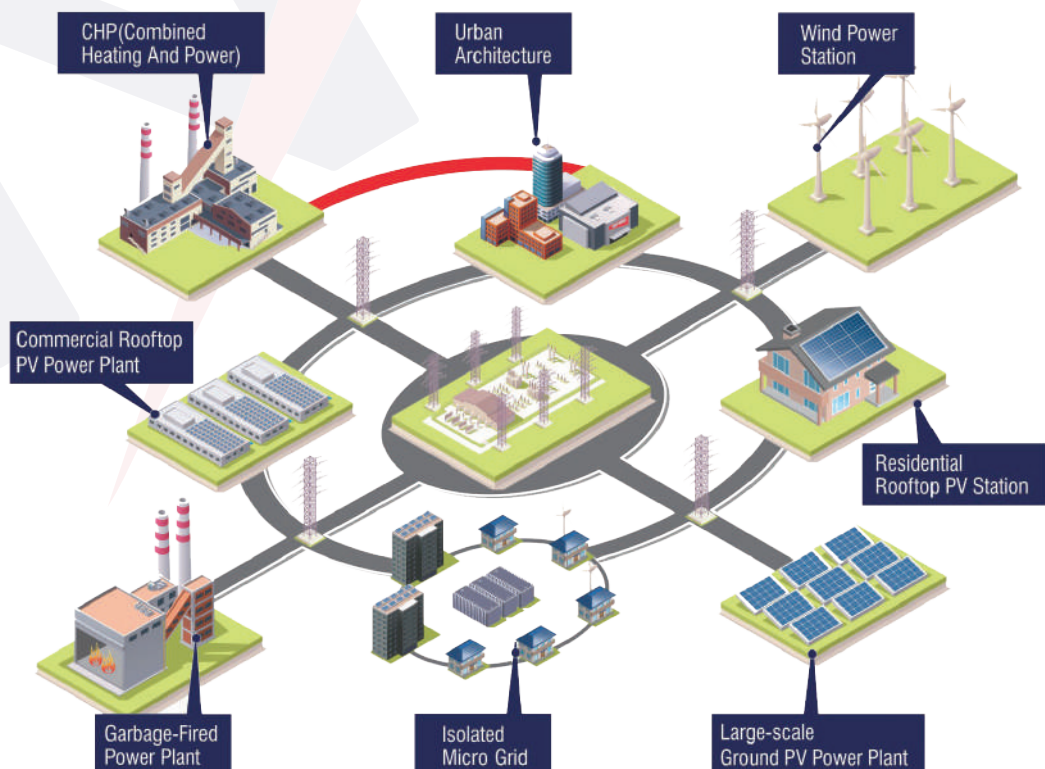
We are pleased to introduce our company as a leading provider of comprehensive electrical services with a strong specialization in power infrastructure. Our expertise covers a range of services tailored to meet your needs, including:

- Engineering, Procurement, and Construction (EPC) for Power Projects.
- Electrical Engineering Solutions for industrial projects in the power, energy, and renewable energy sectors, with a focus on solar technology.

Our company profile attached for your reference. We are confident that our specialized services can add significant value to your projects, and we would be delighted to explore potential collaboration opportunities with you.

Thank you for considering our expertise. We look forward to the opportunity to work together.

Warm regards,
Jamal Rasheed



2. Corporate Information & Registrations

1. Company's Legal Name: North Power Company for Contracting of Civil

Construction, Electrical, Mechanical, Chemical and Engineering Design Ltd.

2. Type of Company Business Entity: Sole Proprietorship

3. Type of Corporation: Limited Liability Company (LLC)

4. KRG – Ministry of Planning Registration Number: 1449 dated 29.06.2006

5. KRG – Ministry of Trading / Directorate of Companies – Suleimani

Registration & License Number: 1207 dated 27/12/2005 and 20050104458048

6. IRAQ - Ministry of Trading / Directorate of Companies – Baghdad

Registration Number: 4901 dated 21.02.2012

7. KRG- Ministry of Finance / Directorate of Companies Taxation Number: 1762

8. Kurdistan Contractors Union

Registration Number: 613 dated 08.01.2006

9. Kurdistan Union of Chamber of Commerce & Industry – Sulaimani Chamber

Registration Number: 52153 dated 03.11.2011

10. Importers & Exporters Union Kurdistan Region of IRAQ

Registration Number: 6169 dated 21.11.2011

3. Company Identity & Classifications

حكومة إقليم كردستان
هزارهتی پلاندنان
بله یهكهم (1)

ناهێ كۆمپانیا: نۆرث پاوهڕ
پهڕه بهری: كاره باایی و میكانیکی
ناهێشمان: سلیمانێ
پهڕه بهری رێژیداره: جمال محمد رشید
ژماره ناسنامه: 1449
رێكهوتی بهێلنكردن: 2012/11
رێكهوتی بهسهرچوهن: 2024/12-31

ههژێر
د. جال محمد رشید

حكومة إقليم كردستان
وزارة التخطيط
الدرجة الاولى (1)

اهم الشركة: نۆرث پاوهڕ
الاختصاص: الكهربية والميكانيكية
العنوان: السليمانية
المدير المفوض: جمال محمد رشید
رقم الهوية: 1449
تاريخ التصنيف: 2012/11
تاريخ النفاذ: 2024/12-31

جلسة (102)
سنة (2012)

یەكێتی هاوردو و ناردو كاریگارانێ عێراق - كۆمه كوردستان
اتحاد المستوردين و المصدريين العراقيين - كومه كوردستان

رەژەڵ ئەمەڵ

الاسم: جمال محمد رشید
التاريخ: 21/11/2011
تاریخ النفاذ: 31/12/2024
سجیلة باریقم: 1904 في 2007/10/18

رقم الهوية: 6169
المصنف: مواد انشائية/كهربائيات

حكومة إقليم كردستان
هزارهتی پلاندنان
بله یهكهم (1)

ناهێ كۆمپانیا: نۆرث پاوهڕ
پهڕه بهری: بیناسازی
ناهێشمان: سلیمانێ
پهڕه بهری رێژیداره: جمال محمد رشید
ژماره ناسنامه: 1449
رێكهوتی بهێلنكردن: 2012/11
رێكهوتی بهسهرچوهن: 2024/12-31

ههژێر
د. جال محمد رشید

حكومة إقليم كردستان
وزارة التخطيط
الدرجة الاولى (1)

اهم الشركة: نۆرث پاوهڕ
الاختصاص: الانشائية
العنوان: السليمانية
المدير المفوض: جمال محمد رشید
رقم الهوية: 1449
تاريخ التصنيف: 2012/11
تاريخ النفاذ: 2024/12-31

جلسة (101)
سنة (2012)

یەكێتی بەمێنەهانی كوردستان - سلیمانێ
اتحاد مقاولي كوردستان - السليمانية

كۆمپانیا (الشركة)
نۆرث پاوهڕ
بهرێوه بهری رێژیداره: المدير المفوض
بوار (الإختصاص)
بیناسازی - انشاءات
ژ. پیناس (رقم الهوية) 613
پله (التصنيف) 1
رێكهوتی ئەنجامبوون (الانتماء) 2006-08-01
رێكهوتی ئەموا بوون (الانتماء) 2024-12-31

ههژێر
تالان کریم حسن

Kurdistan Contractors Union
Slemani

Name Of Company :
North Power

Director :
Jamal Mohammed Rashid

Field : **Construction**

ID No. : 613

Grade : 1

Issue Date : 2006-08-01

Exp. Date : 2024-12-31

Importers & Exporters Union
Kurdistan Region of Iraq
BUSINESSMAN

Name: JAMAL MOHAMMED RASHEED AZEEZ

Date of Birth: 1960

Class: Member

Membership: Construction/Electricity

ID No.: 6169

Affiliation Date: 21/11/2011

Exp. Date: 31/12/2024

NGO ID 1904

www.ieu.org

یەكێتی بەمێنەهانی كوردستان - سلیمانێ
اتحاد مقاولي كوردستان - السليمانية

كۆمپانیا (الشركة)
نۆرث پاوهڕ
بهرێوه بهری رێژیداره: المدير المفوض
بوار (الإختصاص)
كارهبا - میكانیک
ژ. پیناس (رقم الهوية) 613
پله (التصنيف) 1
رێكهوتی ئەنجامبوون (الانتماء) 2006-08-01
رێكهوتی ئەموا بوون (الانتماء) 2024-12-31

ههژێر
تالان کریم حسن

Kurdistan Contractors Union
Slemani

Name Of Company :
North Power

Director :
Jamal Mohammed Rashid

Field : **Electrical - Mechanical**

ID No. : 613

Grade : 1

Issue Date : 2006-08-01

Exp. Date : 2024-12-31

یەكێتی ئهروەكگانی بازرگانی و پێشهسازی كوردستان
ژۆوری بازرگانی و پێشه سازی سلیمانێ
غرفة تجارة وصناعة السليمانية/ العراق

هویهتێ شێركات

نۆرث پاوهڕ
جمال محمد رشید عزیز
للهتمات العامة بتصاميم هندسية واستيراد
التجارة / محدود
3000000000
2011-11-03
2024-12-31

اسم النوع الشركة:
المدير المفوض:
غرض التجاري:
رأس المال:
تاريخ الانتماء:
تاريخ النفاذ:

ههژێر
تالان کریم حسن

KURDISTAN UNION OF CHAMBERS OF
COMMERCE & INDUSTRY
SULAIMANIYA CHAMBER / IRAQ

Company Name : North Power

Executive : JAMAL MOHAMMED RASHED AZIZ

Business type: General Contracting , Eng Desing & Import Equipments/Ltd

Capital : 3000000000

Date of Membership : 2011-11-03

Validity: 2024-12-31

0 010200 109090

یەكێتی ئهروەكگانی بازرگانی و پێشهسازی كوردستان
ژۆوری بازرگانی و پێشه سازی سلیمانێ
غرفة تجارة وصناعة السليمانية/ العراق

هویهتێ تاجار

جمال محمد رشید عزیز
التجارة
تجارة عامة وتعمات
2012-12-24
2024-12-31

الإسم الثلاثي:
مصف التجاري:
غرض التجاري:
تاريخ الانتماء:
تاريخ النفاذ:

ههژێر
تالان کریم حسن

KURDISTAN UNION OF CHAMBERS OF
COMMERCE & INDUSTRY
SULAIMANIYA CHAMBER / IRAQ

Name: JAMAL MOHAMMED RASHEED

Business Grade: Third

Business type: General Trading & Contracting

Date of Membership: 2012-12-24

Validity: 2024-12-31

0 010200 109076

4. About North Power Company

North Power Company Ltd (NPC) is a recognized independent electrical service provider and an acclaimed ISO 9001, 14001, 45001 & 50001 certified company based in the Kurdistan Region of the Republic of Federal Iraq. We specialize in delivering high-quality Engineering, Procurement, and Construction (EPC) services across various industrial sectors, with a strong focus on projects related to power and energy industries.

Our reputation in the industry is built on reliability and the effectiveness of our services. As a trusted service provider, we understand that a company is defined by the trust of its customers and the quality of its reputation. At NPC, we are committed to maintaining the highest standards through dedicated customer service, honest trade practices, and continuous professional development.

Our Expertise

NPC boasts an experienced and highly skilled team of engineers who are committed to providing top-notch services to our valued clients. Our team of qualified, dedicated professionals offers modern, state-of-the-art engineering solutions tailored to meet industry requirements. We provide a comprehensive range of services, from the concept design stage to final commissioning and handover, including operation and maintenance services.

With years of experience in the industry, particularly in electrical projects, our team has achieved significant successes in various fields of engineering. NPC's expertise extends to providing solar technology solutions, including design, supply, installation, testing, and commissioning services tailored to customer requirements. Leveraging our strengths in supply and demand, we deliver high-quality, cost-effective products and services that add value to our clients.

Our Services

In addition to our core EPC services, NPC excels in project management, procurement, and construction services for a diverse range of public and private sector clients. Our ability to deliver on-time, high-quality services has earned us a significant market share in the country. We believe that the satisfaction of our clients and the motivation of our employees are the keys to our success in the engineering industry.

At NPC, we are driven by our commitment to excellence, integrity, and innovation, which enables us to provide reliable, professional, and valuable solutions to meet the evolving needs of the power and energy sectors.

5. Company Mission & Vision

Mission

Our mission is to provide high-quality services across all electro-mechanical engineering disciplines, leveraging our expertise in power systems and infrastructure to drive profitable growth. We are committed to continuously improving the living environment by ensuring a reliable power supply from both conventional and renewable energy sources.

Vision

To achieve the status of leadership in Iraq market in providing quality engineering solution through timely response and cost effectiveness. To be Valuable and Value-Oriented, Reliable, Competition-Motivated, Entrepreneurial Partner in Engineering Industry.



6. Company Policy



NORTH POWER COMPANY
For General Contracting Ltd.

Quality Policy

We, NORTH POWER COMPANY LTD (NPC), are committed to provide prompt response, high performance and competitive technical services related to its various fields, Namely Supply , Erection, Testing & Commissioning of Electrical Devices for Substation and Solar Technology System. Operation & Maintenance of Electrical Installations. NPC is also Committed to achieve customer satisfaction at all times, meeting all statutory & Regulatory Requirement.

NPC continually improves the effectiveness of the Quality Management System (QMS) and Reviews Continuing Suitability.

NPC is Continuously upgrading the capabilities of its technical and administrative staff for their effective involvement.

OBJECTIVE

- ✓ Maintain a quality management system conforming to ISO 9001:2015.
- ✓ Plan, design, construct and control the project effectively.
- ✓ Involvement of all personal who are capable of meeting the challenges and who fully accepting the responsibility.
- ✓ Monitor measure and analyze the progress.
- ✓ Minimize the number of defects/ complaints.
- ✓ Take action to achieve the targets and continually improve the system.

Date: 27.01.2022

A handwritten signature in blue ink, appearing to be 'J. M. ...', is written over a faint, circular watermark or stamp in the background.

Executive Director



Occupational Health and Safety Policy

We at North Power Company for General Contracting Ltd are committed to achieve our organizational goals and objectives by adhering to the following stated policy actions:

- Continually implement and improve our Occupational Health and Safety systems.
- Set OHSAS policy, objectives and targets through consultation and communication at all levels.
- Develop Plan-Do-Check-Act as a way of working and for target and objective achievement and review periodically for continuing suitability.
- Prevent, eliminate or minimize potential risks that could cause ill health and injury to the occupational health and safety of our personal.
- Comply with any and all legalization, regulation, standard and good practices applicable, either mandatorily or voluntarily to the aspects of Occupational Health and Safety in every activity carried out both by our organization & our contractors.
- Evaluate work safety and constant work risk management, to ensure that hazards are eliminated or controlled to the extend practically possible.
- Plan, implement and verify occupational health and safety related training for the continual improvement of all our employees and contractors.
- Ensure that safety is a line management responsibility and monitoring effectiveness of safety policy.
- Conduct periodic assessment and review our own contractor's and supplier's performance to ensure continual improvement.
- Maintain a permanent dialogue with customers, suppliers, employees, community and other interested parties.

This OHSAS policy is common and applicable to all working units of North Power Company Ltd., and is communicated to all working for or on behalf of our organization and displayed permanently for visitors, interested parties and public in each of our offices.

Date: 27.01.2022

A handwritten signature in blue ink, appearing to be 'J. M. M.', is written over a faint, illegible printed name.

Executive Director



ENVIRONMENTAL POLICY

It is policy of North Power Company Ltd., to provide a first-class service for our customers whilst minimizing the effects of our business activities on the environmental.

OBJECTIVE

The policy includes a commitment to:

- Develop supporting systems to manage our environmental impact.
- Protect the environment and the community by preventing pollution.
- Reducing our impact in the environment where possible focusing on CO2 emissions and waste.
- Set and review environmental objectives and targets which relate to our activities and services.
- Designing and installing products in a safe and environmental protective manner.
- Communicating our environmental message to our employees and other interested parties.
- Providing the necessary information, advice, training and support to meet applicable standards, regulations, duties and controls.
- Support and encourage employees in developing and implementing working practices which reduce impact on the environment.
- Meet compliance with current relevant legislation, codes of practice, and other appropriate guidance, developing best practice by a process of continual improvement.
- Handle raw materials and by products and responsibility.
- Develop and consider ways of reducing the environmental impact of existing and proposed activities.

Date: 27.01.2022

A blue ink signature of the Executive Director, written in a cursive style.

Executive Director

7. Certifications

At North Power Company, quality and precision are our top priorities. We are proud to have implemented certified quality management systems that adhere to internationally recognized standards, including ISO 9001, 14001, 45001, and 50001. These certifications reflect our commitment to maintaining high standards in quality, environmental management, occupational health and safety, and energy management.



Certificate of Registration

(Quality Management System)

QFS MANAGEMENT SYSTEMS LLP

This is to Certify that the Quality Management System of
**NORTH POWER COMPANY FOR CONTRACTING OF CIVIL
CONSTRUCTION, ELECTRICAL, MECHANICAL, CHEMICAL
AND ENGINEERING DESIGN LTD.**

IRAQ- Sulaymaniyah Rzgary- 408- Street Number- 9, Building Number 10
Has been found to be of the Quality Management System Standard
ISO 9001:2015

This certificate is valid for the following product or service range
GENERAL CONTRACTING IN POWER ENGINEERING AND OTHER INDUSTRIAL FIELD
PROJECTS RELATED TO POWER AND ENERGY INDUSTRIES.

IAF Code: 34
Certificate Number: SCC/INT/2401NO/4314
Initial Date of Certification: 20.01.2022
Date of Transfer: 18.01.2024
Date of Expiry: 19.01.2025

Re-certification Due on: 19.01.2025




Director:  Date: 18.01.2024

The validity of certificate is subject to regular surveillance audit on or before above mentioned dates and its only valid after successful surveillance with continuation letter issued by QFS. It is issued subject to the continued availability of access at any time and without notice to the above named organization's premises for the purpose of assessment and surveillance regarding the standard named above and QFS terms and conditions.

QFS MANAGEMENT SYSTEMS LLP
A-27/H, Sector-16, Noida-201301, U.P., India
www.qfscerts.com
email: admin@qfscerts.com

Accredited by Standards Council of Canada



Certificate of Registration

(Environmental Management System)

QFS MANAGEMENT SYSTEMS LLP

This is to Certify that the Environmental Management System of
**NORTH POWER COMPANY FOR CONTRACTING OF CIVIL
CONSTRUCTION, ELECTRICAL, MECHANICAL, CHEMICAL
AND ENGINEERING DESIGN LTD.**

IRAQ- Sulaymaniyah Rzgary- 408- Street Number- 9, Building Number 10
is in accordance with the requirement of the Management System Standard detailed below
ISO 14001:2015

This certificate is valid for the following product or service range
GENERAL CONTRACTING IN POWER ENGINEERING AND OTHER INDUSTRIAL FIELD
PROJECTS RELATED TO POWER AND ENERGY INDUSTRIES.

IAF Code: 34
Certificate Number: SCC/INT/2401NO/4315
Initial Date of Certification: 20.01.2022
Date of Transfer: 18.01.2024
Date of Expiry: 19.01.2025

Re-certification Due on: 19.01.2025




Director:  Date: 18.01.2024

The validity of certificate is subject to regular surveillance audit on or before above mentioned dates and its only valid after successful surveillance with continuation letter issued by QFS. It is issued subject to the continued availability of access at any time and without notice to the above named organization's premises for the purpose of assessment and surveillance regarding the standard named above and QFS terms and conditions.

QFS MANAGEMENT SYSTEMS LLP
A-27/H, Sector-16, Noida-201301, U.P., India
www.qfscerts.com
email: admin@qfscerts.com

Accredited by Standards Council of Canada



Certificate of Registration

(Occupational Health & Safety Management System)

QFS MANAGEMENT SYSTEMS LLP

This is to Certify that the Occupational Health & Safety Management System of

NORTH POWER COMPANY FOR CONTRACTING OF CIVIL CONSTRUCTION, ELECTRICAL, MECHANICAL, CHEMICAL AND ENGINEERING DESIGN LTD.

IRAQ- Sulaymaniyah Rzgary- 408- Street Number- 9, Building Number 10

is in accordance with the requirement of the Management System Standard detailed below

ISO 45001:2018

This certificate is valid for the following product or service range

GENERAL CONTRACTING IN POWER ENGINEERING AND OTHER INDUSTRIAL FIELD PROJECTS RELATED TO POWER AND ENERGY INDUSTRIES.

IAF Code: 34

Certificate Number: **SCC/INT/2401NO/4316**

Initial Date of Certification: **20.01.2022**

Date of Transfer: **18.01.2024**

Date of Expiry: **19.01.2025**

Re-certification Due on: **19.01.2025**



[Signature]

Date: **18.01.2024**

Director:
The validity of certificate is subject to regular surveillance audit on or before above mentioned dates and its only valid after successful surveillance with continuation letter issued by QFS. It is issued subject to the continued availability of access at any time and without notice to the above named organization's premises for the purpose of assessment and surveillance regarding the standard named above and QFS terms and conditions.

QFS MANAGEMENT SYSTEMS LLP

A-27/H, Sector-16, Noida-201301, U.P., India
www.qfscerts.com
email: admin@qfscerts.com

Accredited by Standards Council of Canada



Certificate of Registration

(Energy Management System)

QFS MANAGEMENT SYSTEMS LLP

This is to Certify that the Energy Management System of
NORTH POWER COMPANY FOR CONTRACTING OF CIVIL CONSTRUCTION, ELECTRICAL, MECHANICAL, CHEMICAL AND ENGINEERING DESIGN LTD.

IRAQ- Sulaymaniyah Rzgary- 408- Street Number- 9, Building Number 10

Has been found to be of the Energy Management Standard

ISO 50001:2018

This certificate is valid for the following product or service range

GENERAL CONTRACTING IN POWER ENGINEERING AND OTHER INDUSTRIAL FIELD PROJECTS RELATED TO POWER AND ENERGY INDUSTRIES.

Certificate Number: **SCC/INT/2401NO/4317**

Initial Date of Certification: **20.01.2022**

Date of Transfer: **18.01.2024**

Date of Expiry: **19.01.2025**

Re-certification Due on: **19.01.2025**



[Signature]

Date: **18.01.2024**

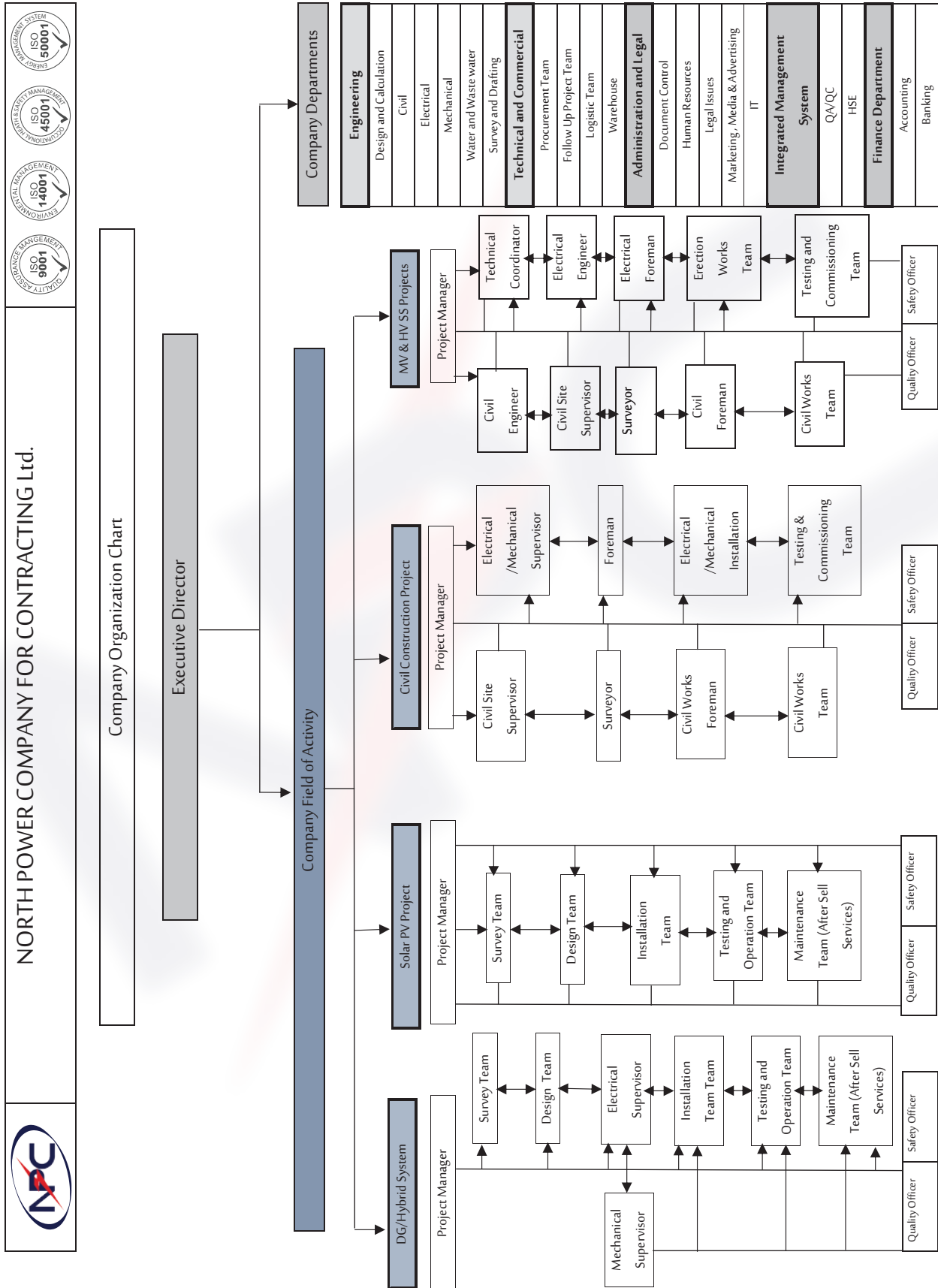
Director:
The validity of certificate is subject to regular surveillance audit on or before above mentioned dates and its only valid after successful surveillance with continuation letter issued by QFS. It is issued subject to the continued availability of access at any time and without notice to the above named organization's premises for the purpose of assessment and surveillance regarding the standard named above and QFS terms and conditions.

QFS MANAGEMENT SYSTEMS LLP

A-27/H, Sector-16, Noida-201301, U.P., India
www.qfscerts.com
email: admin@qfscerts.com

Accredited by Standards Council of Canada

8. Company Organization Chart



9. Company Objective

North Power Company (NPC) aims to deliver economical, reliable, and sustainable high-quality engineering solutions to our customers through the following strategic objectives:

- **Achieving Market Leadership:** Gaining a significant market share and building strong customer confidence.
- **Enhancing Professionalism:** Continuously developing the skills and knowledge of our staff.
- **Adopting Best Practices:** Attaining world-class engineering practices.
- **Environmental Responsibility:** Committing to environmentally responsible practices.

Our approach to achieving these objectives involves a comprehensive strategy that includes:

- Project Financing
- Planning
- System Integration
- Engineering and Construction

These solutions are grounded in our commitment to:

- Excellent Quality
- Competitive Pricing
- Fast Delivery

Through this integrated approach, NPC is dedicated to providing complete and effective solutions for our customers.

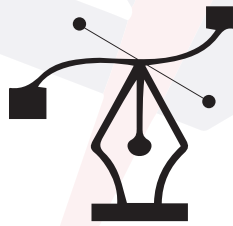


10. Company Services

North Power Company (NPC) offers a comprehensive range of services across major engineering disciplines, including civil, electrical, and mechanical engineering. Our areas of specialization include:

- Power and Energy Industries: Expertise in power generation, distribution, and energy management.
- Detailed Engineering for Substations: Comprehensive design and engineering services for substations.
- Renewable Energy – Solar Technology: Solutions for solar photovoltaic systems and solar water heating.
- Substation Services: Supply, erection, testing, and commissioning of Air Insulated Switchgear (AIS) and Gas Insulated Switchgear (GIS) substations.
- Civil Works: Execution of civil works with associated civil supervision services.
- Operation & Maintenance: Ongoing support for the operation and maintenance.

NPC is dedicated to providing high-quality, reliable solutions tailored to meet the specific needs of our clients across these diverse areas of expertise.



Design & Engineering Services



Installation



Construction



Operation and Maintenance



Testing & Commissioning

11. Company Capability

At North Power Company (NPC), our greatest strength lies in our team of experienced and dedicated international and national staff. They are integral to delivering high-quality engineering solutions that meet the diverse needs of our clients, from concept design through to final testing and commissioning.

Key Capabilities:

- **Expertise Across Engineering Phases:** Our team manages all stages of engineering projects, ensuring comprehensive support from initial design to final implementation.
- **Operation and Maintenance:** We provide ongoing operation and maintenance services for various engineering projects, including after-sales support for equipment supply projects.
- **Diverse Experience:** Our international staff bring extensive experience from major infrastructure projects in various challenging environments.

Our team's broad experience and adaptability enable NPC to handle complex projects and deliver reliable, high-quality engineering solutions tailored to our clients' specific needs.



12. Tools Used By NPC

North Power Company (NPC) leverages a suite of advanced tools to deliver state-of-the-art solutions across the power industry. Our team of qualified professionals utilizes the following modern tools:

- **ETAP:** For transmission and sub-transmission network planning, design, technical analysis, and studies.
- **PVSYST:** An energy modeling tool that analyzes the potential for solar energy generation from specific sites.
- **Codesys:** Integrated development software for programming controller applications.
- **MapInfo:** Geographic information system (GIS) software, used for mapping and location analysis.
- **AutoCAD:** General drafting and design application to prepare technical drawings.
- **SketchUp:** 3D modeling software that is used to create and manipulate 3D models.
- **3ds MAX:** Software for 3D modeling, animation, rendering, and visualization.
- **Lumion:** industry-leading 3D rendering software for architects.
- **Microsoft Project:** Comprehensive project program preparation and management.
- **Al-Ameen:** Managing accounting and inventory.

These tools enable NPC to provide high-quality, efficient, and effective solutions tailored to the needs of our clients in the power industry.



Company

Solar Technology Track Records

2.22MWp Solar Photovoltaic Hybrid Microgrid System and a 3.379MWh Battery Energy Storage System (BESS)

Name of Project / Kind of Works:

Turnkey project, which includes a 2.22MWp solar power system and a 3.379MWh Battery Energy Storage System (BESS). We, at North Power Company, are pleased to announce the successful completion of our turnkey project, which includes a 2.22MWp solar power system and a 3.379MWh Battery Energy Storage System (BESS). This comprehensive project involved the design, engineering, manufacturing, and delivery of equipment, along with civil, mechanical, and electrical installation works. It also included the testing, commissioning and energizing of seven PV solar farms (Solar PV Hybrid Microgrid Systems) in grid-connected and off-grid configurations across seven UNAMI locations in Iraq—five in Baghdad and two in Erbil and Kirkuk regional offices. Additionally, we upgraded and expanded the existing Solar PV Systems at UNAMI premises. To meet the specific requirements of this project, North Power Company delivered an integrated solution that includes a Power Plant Controller. This System Effectively manages the PV plant, BESS, Genset and National Grid power, based on load demand. The system ensures optimal control, monitoring, visualization, and analysis of solar PV power generation, BESS, Genset and national grid.

The operational philosophy behind the Solar PV Hybrid Microgrid System is to maximize renewable energy use, reduce carbon footprints, and maintain reliability and stability. The Energy Management and Control System (EMCS) is central to this philosophy, enabling smooth transitions between power sources and effective energy utilization. It plays a critical role in managing the complex microgrid network and interactions between various power sources, ensuring a balanced, efficient, and sustainable energy supply. This approach optimizes energy efficiency and minimizes operational costs by leveraging different power sources based on real-time price and availability, thereby enhancing overall economic performance.

Implementation Duration: 486 Calendar days

Commencement Date: 03/03/2023

Completion Date: 15/07/2024

Status of Project Completion: 100%

Contracting Authority and Location: United Nations Assistance Mission for Iraq (UNAMI)

NPC Responsibility: Design, engineering services, delivery of equipment and materials to the sites, carrying out sites civil, mechanical and electrical installation works, testing, commissioning and energizing.



213KWp Solar Carport Project

Name of Project / Kind of Works:

Design, engineering and installation phases of the PV solar carport structures project to accommodate a total capacity of 213 KWp

Implementation Duration: 5 months

Commencement Date: 12/12/2023

Completion Date: 26/04/2024

Status of Project Completion: 100%

Contracting Authority and Location:

United Nations Assistance Mission for Iraq (UNAMI)

NPC Responsibility:

Design, engineering services, delivery of equipment and materials to the site, carrying out site civil, mechanical and electrical installation works, testing and commissioning.



47KWp Rooftop Solar Photovoltaic Hybrid System and a 30KWh Battery Energy Storage System (BESS)

Name of Project / Kind of Works:

47KWp rooftop solar photovoltaic hybrid system at the UNFPA-Anbar Women Shelter in Iraq, featuring a 45kVA 3-phase configuration with 30kWh energy storage

Implementation Duration: 3 months

Commencement Date: 23/01/2024

Completion Date: 21/04/2024

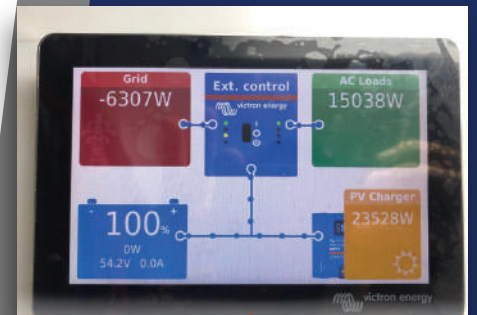
Status of Project Completion: 100%

Contracting Authority and Location:

United Nations Population Fund for Iraq (UNFPA)

NPC Responsibility:

Design, engineering services, delivery of equipment and materials to the site, carrying out site civil, mechanical and electrical installation works, testing, commissioning and energizing of 3Ph, Solar Photovoltaic Hybrid System roof top mounting type.



28KWp Rooftop Solar Photovoltaic Hybrid System and a 30KWh Battery Energy Storage System (BESS)

Name of Project / Kind of Works:

Roof top mounted 30kVA, 3Ph with 30KWh Energy Storage Solar PV Hybrid System constructed at company office building. Installed PV capacity is 28.08KWp with 108*260 W Solarland PV Module , Mounting Structure, 3X Victron Inverter/Charger Model Quattro 48/10000/140, 230V, 10kVA , 6X Victron MPPT Solar Charger Controller Model 250/100, Victron Lynx DC Busbar, Victron Color Control GX for local and online monitoring and setting screen, BYD Energy Storage Battery Bank LVS Flex (30 KWh) Lithium-ion Battery with Power Distribution Unit (PDU), Battery Management System (BMS), SOLARLAND DC Combiner Box, Electrical System Distribution Board, AC, DC & Communication Cables, Cable Trays, earthing system and all accessories and fittings.

Implementation Duration: 90 days

Commencement Date: 01/08/2022

Completion Date: 25/11/2022

Status of Project Completion: 100%

Contracting Authority and Location:

North Power Company Ltd.

NPC Responsibility:

Design, Engineering Services, Supplying, Installation, Testing, Commissioning and Energizing of the System.



91.16KWp Ground Mounted Solar Photovoltaic Hybrid System and a 128KWh Battery Energy Storage System (BESS)

Name of Project / Kind of Works:

Ground Mounted 3Ph 90kVA with 128KWh Energy Storage Solar PV Hybrid System constructed at Harruta Station Site of United Mix Media for TV Broadcasting Services. Installed PV capacity is 91.16KWp with 1728*530 Wp Longi PV Module , Mounting Structure, 6X Victron Inverter/Charger Model Quattro 48/15000/140, 230V, 15kVA , 13X Victron MPPT Solar Charger Controller Model 4500/100, DC Busbar, Victron Color Control GX and Touch Gx for local and online monitoring and setting screen, BYD Energy Storage Battery Bank LVS (128 KWh) Lithium-ion Battery with Power Distribution Unit (PDU), Battery Management System (BMS), SOLARLAND DC Combiner Box, Electrical System Distribution Board, AC, DC & Communication Cables, Cable Trays, earthing system and all accessories and fittings.

Implementation Duration: 3 months

Commencement Date: 20/08/2022

Completion Date: 20/11/2022

Status of Project Completion: 100%

Contracting Authority and Location:

United Mix Media For TV Broadcasting Services

NPC Responsibility:

Design, Engineering Services, Supplying, Installation, Testing, Commissioning and Energizing of the System.



10.90KWp Rooftop Solar Off-Grid Photovoltaic system and a 24KWh Battery Energy Storage System (BESS)

Name of Project / Kind of Works:

Roof top mounted Hybrid Photovoltaic System. The total installed PV capacity at the site is 10.9KWp, with 20X545W Trina Solar Modules, Mounting Structure, Victron Inverter/Charger Model Quattro 48/10000/140-100/100, 230V, 10kVA, two Victron MPPT Solar Charger Controller Model 250/100, Victron Lynx DC Busbar, Victron Color Control GX for local and online monitoring and setting screen, BYD Energy Storage Battery Bank LVS 12 (24 KWh) Lithium-ion Battery with Power Distribution Unit (PDU), Battery Management System (BMS), SOLARLAND DC Combiner Box, Electrical System Distribution Board, DC & Communication Cables, Cable Trays, earthing system and all accessories and fittings.

Implementation Duration : 7 days

Commencement Date : 23/05/2022

Completion Date: 01/06/2022

Status of Project Completion: 100%

Contracting Authority and Location: United Mix Media TV – Safin Station Site

NPC Responsibility:

Design, Engineering Service, Procurement, Delivery, Installation, Testing, Commissioning and Energizing.



16.20KWp Rooftop Solar Photovoltaic Hybrid System and a 36KWh Battery Energy Storage System (BESS)

Project Name :

Roof-Top Type On-Grid Photovoltaic system. The total installed PV capacity at the site is 16,200Wp, with 30X540W JA Solar Modules, SMA Sunny Tripower 20000TL PV Inverter, Protection and Fuse Elements, three SMA Sunny Island 8.0H -13 Battery Inverter, BYD Energy Storage Battery Bank LVS 9 (36 kWh) Lithium-ion Battery with Battery Management Unit (BMU), Solarland DC Combiner box, Electrical System Distribution Board, Solar DC cables, cable trays, earthing system and all accessories and fittings. The expected electricity yield is approximately 35 MWh/ year.

Implementation Duration : 15 working Days

Commencement Date : 15.03.2022

Completion Date : 31.03.2022

Status of Project Completion : %100

Contracting Authority and location :

Domestic Consumer / Sulaymaniyah City -
Sulaymaniyah Heights

NPC Responsibility: Design, Engineering Service
Procurement,
Delivery, Installation, Testing, Commissioning and
Energizing.



8.72KWp Ground Mounted Solar Off-Grid Photovoltaic system and a 36KWh Battery Energy Storage System (BESS)

Project Name:

Ground Mounted Type Off-Grid Photovoltaic system. The total installed PV capacity at the site is 8,720 Wp, with 16X545W Trina Solar Modules, Mounting Structure, Victron Quattro 48/10000/140-100/100 230V VE. Bus Inverter, two Victron MPPT Solar Charger Controller 250/100, Victron Lynx DC busbar, Victron color control GX for local and online monitoring and setting screen, Victron Interface MK3-USB, BYD Energy Storage Battery Bank LVS 9 (36 kWh) Lithium-ion Battery with Battery Management Unit (BMU), Suntime SHLX-PV2/1 DC Combiner box, Electrical System Distribution Board, Solar DC cables, earthing system and all accessories and fittings. The expected electricity yield is approximately 19 MWh / year.

Implementation Duration : 15 working Days

Commencement Date: 01.03.2022

Completion Date: 15.03.2022

Status of Project Completion: %100

Contracting Authority and location: United Mix Media Sulaymaniyah City – Khalakan Site

NPC Responsibility: Design, Engineering Service, Procurement, Delivery, Installation, Testing, Commissioning and Energizing.



18.72KWp Roof Top Solar Photovoltaic Hybrid System and a 72KWh Battery Energy Storage System (BESS)

Project Name:

Roof-Top Type Off-Grid Photovoltaic system.
The total installed PV capacity is 18,720Wp, with 72X260W solar modules, 6X5kVA inverters and 72X500Ah,2V VRLA Battery from Solarland.The expected electricity yield is approximately 40 MWh/ year.

Implementation Duration: 15 days

Commencement Date: 01/02/2020

Completion Date: 15/02/2020

Status of Project Completion: 100%

Contracting Authority and Location: Domestic Consumer , Sulaimaniyah City – Sitake Area

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



8.32KWp Ground Mounted Solar Off-Grid Photovoltaic system and a 96KWh Battery Energy Storage System (BESS)

Project Name:

Ground Mounted Type Off-Grid Photovoltaic system.
The total installed PV capacity is 8,320Wp, with 32X260W solar modules, 1X3kVA inverter, 2XMPPT 100A, 48V solar charge controller from BlueSun and 96X500Ah, 2V VRLA Battery from Solarland. The expected electricity yield is approximately 17.97 MWh / year.

Implementation Duration: 15 working days

Commencement Date: 15/12/2019

Completion Date: 01/01/2020

Status of Project Completion: 100%

Contracting Authority and Location:

Crescent Petroleum Iraq (FZE) – Sulaimanyah City -
Chamchamal – Naw Shwan area

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



2.6KWp Ground Mounted Solar Off-Grid Photovoltaic system and a 7.2KWh Battery Energy Storage System (BESS)

Project Name:

Supply and Installation of 48V Off Grid DC inverter solar Air Conditioner system. The system contain Input/Outdoor unit 48V DC /12000BTU from Harvest, 10X260W solar module from Solarland, MPPT 100A,48V solar charge controller from BlueSun, 1X5kVA inverter and 4X150Ah, 12V VRLA battery from Solarland.

Implementation Duration: 6 working days

Commencement Date: 11/10/2019

Completion Date: 17/10/2019

Status of Project Completion: 100%

Contracting Authority and Location:

Crescent Petroleum Iraq (FZE)- K9 / Khormor
Sulaimaniyah city – Sangaw area

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



3.12KWp Rooftop Solar Off-Grid Photovoltaic system and a 11.52KWh Battery Energy Storage System (BESS)

Project Name:

Roof-Top Type Off-Grid Photovoltaic system.

The total installed PV capacity is 3,120 Wp, with 12X260W solar modules, 1X5kVA inverters and 8X120Ah, 12V VRLA Battery from Solarland.

The expected electricity yield is approximately 6.73 MWh / year.

Implementation Duration: 3 Working days

Commencement Date: 12/07/2019

Completion Date: 15/07/20119

Status of Project Completion: 100%

Contracting Authority and Location:

Domestic Consumer / Sulaimaniyah –
Twa Spy Area

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



6KWp Rooftop Solar Off-Grid Photovoltaic system and a 15KWh Battery Energy Storage System (BESS)

Project Name:

Roof-Top Type Off-Grid Photovoltaic system.

The total installed PV capacity is 6,050Wp with 22X275W solar modules from Q-cell, 6X5kVA inverters from Solarland and 15KW energy storage battery bank from BYD. The expected electricity yield is approximately 13 MWh / year.

Implementation Duration: 3 Working days

Commencement Date: 01/05/2019

Completion Date: 03/05/2019

Status of Project Completion: 100%

Contracting Authority and Location:

Domestic Consumer / Sulaymaniyah –
Ali Najy District

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



0.90KWp Rooftop Solar Off-Grid Photovoltaic system and a 4.8KWh Battery Energy Storage System (BESS)

Project Name:

Roof-Top Type Off-Grid Photovoltaic system.

The total installed PV capacity is 900 Wp, with 6X150W solar modules, 1X3kVA inverters and 2X200 Ah VRLA Battery from Solarland. The expected electricity yield is approximately 1.9 MWh / year.

Implementation Duration: 2 working days

Commencement Date: 29/10/2018

Completion Date: 30/10/2018

Status of Project Completion: 100%

Contracting Authority and Location:

Domestic Consumer / Sulaimaniyah -
Raparin Area

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



3.12KWp Rooftop Solar Off-Grid Photovoltaic system and a 11.52KWh Battery Energy Storage System (BESS)

Project Name:

Roof-Top Type Off-Grid Photovoltaic system.
The total installed PV capacity is 3,120 Wp, with 12X260W solar modules, 1X5kVA inverter and 8X120Ah VRLA Battery from Solarland. The expected electricity yield is approximately 6.73 MWh / year.

Implementation Duration: 3 Working days

Commencement Date: 09/09/2018

Completion Date: 11/09/2018

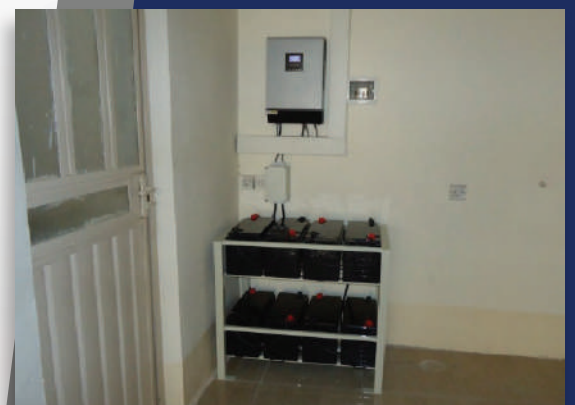
Status of Project Completion: 100%

Contracting Authority and Location:

Domestic Consumer / Sulaimaniyah –
Grdy Andazyatran Destrict

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



3.12KWp Rooftop Solar Off-Grid Photovoltaic system and a 11.52KWh Battery Energy Storage System (BESS)

Project Name:

Roof-Top Type Off-Grid Photovoltaic system.

The total installed PV capacity is 3,120 Wp, with 12X260W solar modules, 1X5kVA inverter and 8X120Ah VRLA Battery from Solarland. The expected electricity yield is approximately 6.73 MWh / year.



Implementation Duration: 3 working days

Commencement Date: 03/09/2018

Completion Date: 05/09/2018

Status of Project Completion: 100%

Contracting Authority and Location:

Domestic Consumer / Sulaimaniyah- Hawary Shar District



NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



3.64KWp Ground Mounted Solar Off-Grid Photovoltaic System

Project Name:

Ground Mounted Type Off -Grid Photovoltaic system. The total installed PV capacity is 3,640 Wp, with 14X260W solar modules from Solarland, 1X80A MPPT solar charger controller from Bluesun. The expected electricity yield is approximately 7.86 MWh / year.

Implementation Duration: 7 Working days

Commencement Date: 01/07/2018

Completion Date: 07/07/2018

Status of Project Completion: 100%

Contracting Authority and Location:

Gorran Net Co. - Aween city Site - Tanjaro area

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



3.64KWp Rooftop Solar Off-Grid Photovoltaic system and a 5.76KWh Battery Energy Storage System (BESS)

Project Name:

Roof-Top Type Off-Grid Photovoltaic system.

The total installed PV capacity is 3,640 Wp, with 14X260W solar modules, 1X5kVA inverter and 4X120Ah,12V VRLA Battery from Solarland.

The expected electricity yield is approximately 7.86 MWh / year.

Implementation Duration: 7 Working days

Commencement Date: 10/07/2018

Completion Date: 17/07/2018

Status of Project Completion: 100%

Contracting Authority and Location:

Gorran Net Co. - Qwlaraysi Site - Qwlaraysy area

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



3.12KWp Rooftop Solar Off-Grid Photovoltaic system and a 11.52KWh Battery Energy Storage System (BESS)

Project Name:

Roof-Top Type Off-Grid Photovoltaic system.

The total installed PV capacity is 3,120 Wp, with 12X260W solar modules, 1X5kVA inverter and 8X120Ah,12V VRLA Battery from Solarland. The expected electricity yield is approximately 6.73 MWh / year.

Implementation Duration: 3 Working days

Commencement Date: 25/06/2018

Completion Date: 27/06/2018

Status of Project Completion: 100%

Contracting Authority and Location:

Domestic Consumer / Sulaimaniyah-
Mamostayan District

NPC Responsibility: Procurement, installation & implementation of electrical operations, commissioning and engineering services



3.12KWp Rooftop Solar Off-Grid Photovoltaic system and a 11.52KWh Battery Energy Storage System (BESS)

Project Name:

Roof-Top Type Off-Grid Photovoltaic system.

The total installed PV capacity is 3,120 Wp, with 12X260W solar modules, 1X5kVA inverter and 8X120Ah,12V VRLA Battery from Solarland.

The expected electricity yield is approximately 6.73 MWh / year.

Implementation Duration: 3 Working days

Commencement Date: 04/06/2018

Completion Date: 06/06/2018

Status of Project Completion: 100%

Contracting Authority and Location:

Domestic Consumer / Sulaimaniyah -
Kaziwa District

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



6.24KWp Ground Mounted Solar Off-Grid Photovoltaic system and a 24KWh Battery Energy Storage System (BESS)

Project Name:

Ground Mounted Type Off-Grid Photovoltaic system.

The total installed PV capacity is 6,240 Wp, with 24X260W solar modules, 2X5kVA inverters and 24X500Ah,2V VRLA Battery from Solarland. The expected electricity yield is approximately 13.47 MWh / year.

Implementation Duration: 6 Working days

Commencement Date: 09/04/2018

Completion Date: 14/04/2018

Status of Project Completion: 100%

Contracting Authority and Location:

Domestic Consumer / Sulaimaniyah - Mergapan Area

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



6.24KWp Ground Mounted Solar Off-Grid Photovoltaic system and a 24KWh Battery Energy Storage System (BESS)

Project Name:

Roof-Top Type Off-Grid Photovoltaic system.

The total installed PV capacity is 6,240 Wp, with 24X260W solar modules, 2X5kVA inverters and 24X500Ah,2V VRLA Battery from Solarland.

The expected electricity yield is approximately 13.47 MWh / year.

Implementation Duration: 6 Working days

Commencement Date: 24/02/2018

Completion Date: 29/02/2018

Status of Project Completion: 100%

Contracting Authority and Location:

Domestic Consumer / Sulaimaniyah - Sitak Area

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



6.24KWp Ground Mounted Solar Off-Grid Photovoltaic system and a 24KWh Battery Energy Storage System (BESS)

Project Name:

Roof-Top Type Off-Grid Photovoltaic system.
The total installed PV capacity is 6,240 Wp, with 24X260W solar modules, 2X5kVA inverters and 24X500Ah,2V VRLA Battery from Solarland.
The expected electricity yield is approximately 13.47 MWh / year.

Implementation Duration: 6 Working days

Commencement Date: 01/10/2017

Completion Date: 06/10/2017

Status of Project Completion: 100%

Contracting Authority and Location:

Domestic Consumer / Sulaimaniyah –
Mamostayan District

NPC Responsibility:

Procurement, installation & implementation of electrical operations, commissioning and engineering services.



Company

**Construction, Electrical Substation and Transmission Line
Truck Record**

Nawzd Store Complex 11kV Substation

Name of Project / Kind of Works:

Nawzd Store Complex 11kV Substation

Implementation Duration:

6 Months

Commencement Date:

01/01/2022

Completion Date:

01/07/2022

Status of Project Completion:

100%

Contracting Authority and Location:

Nawzad Store Complex - Qasab Co.

NPC Responsibility:

Design, Engineering Services, Supplying, Installation, Testing, Commissioning, Energizing of the Substation



Bazian Power Plant in Sulaimaniyah Governorate

Name of Project / Kind of Works:

Carrying out site electrical tests for two (2) Set-Up GSU 132/15kV, 155MVA power transformers and oil treatment of OLTC & conservator tank for three transformers.

Total Value of the Contract:
37,500.00 USD

Implementation Duration Time:
1 week

Commencement Date:
01/11/2021

Completion Date:
07/11/2021

Status of Project Completion:
100%

Contracting Authority and Location:
Qaiwan Group - BPP – Bazian Area

NPC Responsibility:
Site Electrical Testing



132/33 kV, 2X63MVA Suli & Super Steel Substation – Stage 2

Name of Project / Kind of Works:
132/33kV, 2X63MVA Suli & Super Steel
Substation - Stage 2

Total Value of the Contract:
965,000.00 USD

Implementation Duration Time:
8 Months

Commencement Date:
22/10/2020

Completion Date:
21/06/2021

Status of Project Completion:
100%

Contracting Authority and Location:
Suli and Super Steel Plants – Directorate of
Suliamaniyah Electrical Energy Transmission

NPC Responsibility:
Design, Engineering, Manufacturing, Delivery,
Carrying out Site Erection Works, Testing,
Commissioning and Energizing of Substation



Mobile Substation and Associated Equipment Supply Installation & Commissioning for Bazian Refinery Project in Sulaimaniyah Governorate

Name of Project / Kind of Works:
Bazian Refinery Project (Mobile SS Rehabilitation , Installation , Testing and connection of 11/6.6kV, 10MVA Capacity Transformer, 6.6kV Switchgear with ATS, MV, LV and Control Cables and all accessories to the national grid).



Total Value of the Contract:
963,899.58 USD



Implementation Duration Time:
6 Months

Commencement Date:
02/08/2018

Completion Date:
01/07/2019



Status of Project Completion:
100%

Contracting Authority and Location:
Bezhan Pet Co. For Oil Services Ltd -
member of Qaiwan Group



NPC Responsibility:
Design , Manufacturing , Delivery ,
installation , Civil Works , Testing and
Commissioning.

Bashmakh/ Penjween Border Custom Directorate in Sulaimaniyah Governorate

Name of Project / Kind of Works:
Bashmakh/ Penjween border custom
Directorate in Sulaimaniyah Governorate

Total Value of the Contract:
1,963,914.000.00 IQD

Implementation Duration Time:

800 working days

Commencement Date:

28/08/2013

Completion Date:

30/05/2018

Status of Project Completion:

100%

Contracting Authority and Location:

Ministry of Finance Engineering and Technical
Directorate -Sulaimaniyah

NPC Responsibility:

Design, Procurement, Delivery of Equipment
and Engineering Services, Carrying out Civil,
Electrical and Mechanical works



Construction of Mawlana Park in Sulaimaniyah Governorate

Name of Project / Kind of Works:

Construction of Mawlana Park in Sulaimaniyah Governorate

Total Value of the Contract:

4,025,317,475.00 IQD

Implementation Duration Time:

700 working days

Commencement Date:

10/04/2014

Completion Date:

01/12/2017

Status of Project Completion:

100%

Contracting Authority and Location:

Lebanon Mountain Company For Agriculture & Landscape

NPC Responsibility:

Engineering Services, Project Management, Procurement, Delivery of materials and Equipment, Carrying out Civil, Electrical and Mechanical works.



Hallabja Water Treatment Plant

Name of Project / Kind of Works:
Hallabja Water Treatment Plant

Total Value of the Contract:
514,540.00 USD

Implementation Duration Time:
265 working days

Commencement Date:
01/06/2014

Completion Date:
21/02/2015

Status of Project Completion:
100%

Contracting Authority and Location:
Ssanguong engineering and construction co
ltd.

NPC Responsibility:
Carrying out site testing and commissioning of
installed equipment of 132/6.6kV Main Power
Station for power supply of GRD Cement Plant



GRD CEMENT PLANT-132/6.6kV MAIN POWER STATION

Name of Project / Kind of Works:

GRD CEMENT PLANT-132/6.6kV MAIN
POWER STATION

Total Value of the Contract:

100,000.00 USD

Implementation Duration Time:

30 days

Commencement Date:

15/05/2014

Completion Date:

03/06/2014

Status of Project Completion:

100%

Contracting Authority and Location:

Sinoma Suzhou construction Iraq company
Ltd. CHINA

NPC Responsibility:

Carrying out site testing and commissioning
of installed equipment of 132/6.6kV Main
Power Station for power supply of GRD
Cement Plant.



132/33/11kV , 3x63/50/40MVA City Center Sulaimaniyah GIS Substation

Name of Project / Kind of Works:
132/33/11kV , 3x63/50/40MVA City Center
Sulaimaniyah GIS Substation

Total Value of the Contract:
2,436,400.00 USD

Implementation Duration Time:
14 months

Commencement Date:
10/04/2013

Completion Date:
22/05/2014

Status of Project Completion:
100%

Contracting Authority and Location:
Ministry of Electricity, Directorate of
Distribution of Sulaimaniyah Governorate/
Matelec Group Lebanon

NPC Responsibility:
Construction of Substation carrying out civil
and electrical erection works.



MOE Stage 6 Substation Project , Four New 33/11kV Substations

Name of Project / Kind of Works:

Stage 6 Substation Project , four new 33/11kV substations

Total Value of the Contract:

860,000.00 USD

Implementation Duration Time:

6 months

Commencement Date:

15/07/2013

Completion Date:

15/01/2014

Status of Project Completion:

100%

Contracting Authority and Location:

Plan Co.

NPC Responsibility:

Carrying out the site electrical installation, connection works, site testing and commissioning for four new 33/11kV substation.



132/33kV , 3x120MVA Mass Global Investment Steel Plant Substation

Name of Project / Kind of Works:

132/33kV , 3x120MVA Mass Global Investment Steel Plant Substation

Total Value of the Contract:

237,479.00 USD

Implementation Duration Time:

6 months

Commencement Date:

08/06/2013

Completion Date:

05/12/2013

Status of Project Completion:

100%

Contracting Authority and Location:

ABB AB Substation, Vasteras, Sweden

NPC Responsibility:

Supervision of site electrical works and carrying out site testing and commissioning of equipment for 132/33kV,3x120MVA substation provided for power supply of Mass Global Investment Steel Plant . Bazian -Sulaimaniyah



132/11kV, 1x40MVA Substation of Bazian Steel Factory

Name of Project / Kind of Works:

132/11kV, 1x40MVA Substation of Bazian Steel Factory

Total Value of the Contract:

380,000.00 EURO

Implementation Duration Time:

12 months

Commencement Date:

06/01/2012

Completion Date:

05/12/2012

Status of Project Completion:

100%

Contracting Authority and Location:

Azmir Company for Producing Electrical Cable and Wire Ltd.

NPC Responsibility: Project management and consulting services, supervising civil works, carrying out site installation works, testing and commissioning for the substation.



Bazian Steel Factory Construction of 132 kV Overhead Transmission Line

Name of Project / Kind of Works:

Bazian Steel Factory Construction of 1.25Km,
132 kV Overhead Transmission Line

Total Value of the Contract:

1,250,000.00 USD

Implementation Duration Time:

3 months

Commencement Date:

24/08/2012

Completion Date:

23/11/2012

Status of Project Completion:

100%

Contracting Authority and Location:

Azmir Company for Producing Electrical Cable
and Wire Ltd.

NPC Responsibility:

Engineering, Design, manufacture, Delivery of
Equipment and Material, Carrying out Civil
Works, Site Erection, Testing and
Commissioning works for new 132kV
Overhead Transmission Line 1.25Km length on
Turnkey Basis.



33/11kV, 2x16MVA Substation at New Campus of Sulaimaniyah University

Name of Project / Kind of Works:

33/11kV, 2x16MVA Substation at New Campus of Sulaimaniyah University

Total Value of the Contract:

3,925,000,000.00 IQD

Implementation Duration Time:

360 Days

Commencement Date:

30/06/2011

Completion Date:

09/05/2012

Status of Project Completion:

100%

Contracting Authority and Location:

Ministry of Electricity – KRG/Plan Co.

NPC Responsibility:

Project management, site installation works, testing and commissioning of the substation.

33/11kV, 2x16MVA Substation at New Campus of Sulaimaniyah University.



132/11kV AIS, 63MVA Substation at Bazian Cement Plant

Name of Project / Kind of Works:
132/11kV AIS, 63MVA Substation at Bazian
cement plant Sulaimaniyah, Kurdistan-Iraq

Total Value of the Contract:
3,850,000.00 EURO

Implementation Duration Time:

12 months

Commencement Date:

15/01/2011

Completion Date:

15/11/2011

Status of Project Completion:

100%

Contracting Authority and Location:

Bazian Cement Plant – Lafarge,
Iraq/Plan Co.

NPC Responsibility: Project management,
site installation works, testing and
commissioning of the substation.



Shary Jwan Hotel 33/11kV, 2 x 31.5MVA Substation

Name of Project / Kind of Works:
Shary Jwan Hotel 33/11kV, 2 x 31.5MVA
Substation

Total Value of the Contract:
5,125,863.00 USD

Implementation Duration Time:
12 months

Commencement Date:
15/12/2010

Completion Date:
15/10/2011

Status of Project Completion:
100%

Contracting Authority and Location:
Faruk Group Holding, Sulaimaniyah -
Iraq/Plan Co.

NPC Responsibility: Project management,
site installation works, testing and
commissioning of the substation.



MOE Stage 4 Substation Project

Name of Project / Kind of Works:
MOE Stage 4 Substation Project

Total Value of the Contract:
69,106,106,035.00 IQD

Implementation Duration Time:
18 months & amendment period
of 143 days

Commencement Date:
25/05/2009

Completion Date:
06/04/2011

Status of Project Completion:
100%

Contracting Authority and Location:
Ministry of Electricity, Directorate of
Distribution of Sulaimaniyah
Governorate/Plan Co.

NPC Responsibility:
Project management



16. Clients



17. Vendor Independency

We are collaborating with different vendors for Renewable Energy - Solar Technology Equipment and Materials Supplying for projects.



We are collaborating with different vendors for Electrical Substation Equipment and Materials Supplying for Projects



16. Why NPC?



19 Years of Experience



High Quality of Engineering Solutions



Grade A Company



Maintenance Services

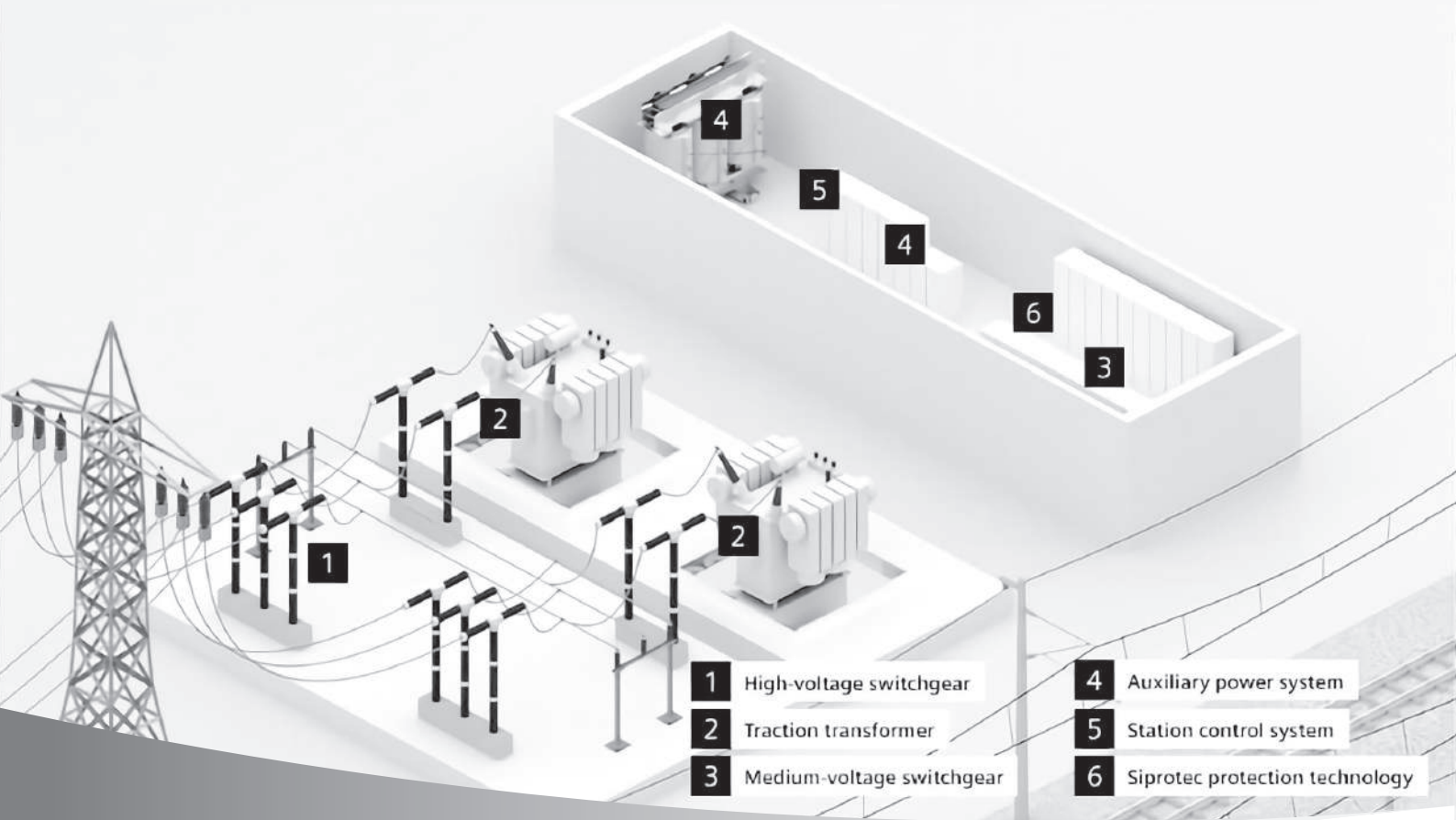


Training



Consulting Services





1 High-voltage switchgear

2 Traction transformer

3 Medium-voltage switchgear

4 Auxiliary power system

5 Station control system

6 Siprotec protection technology

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 North Power Company

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