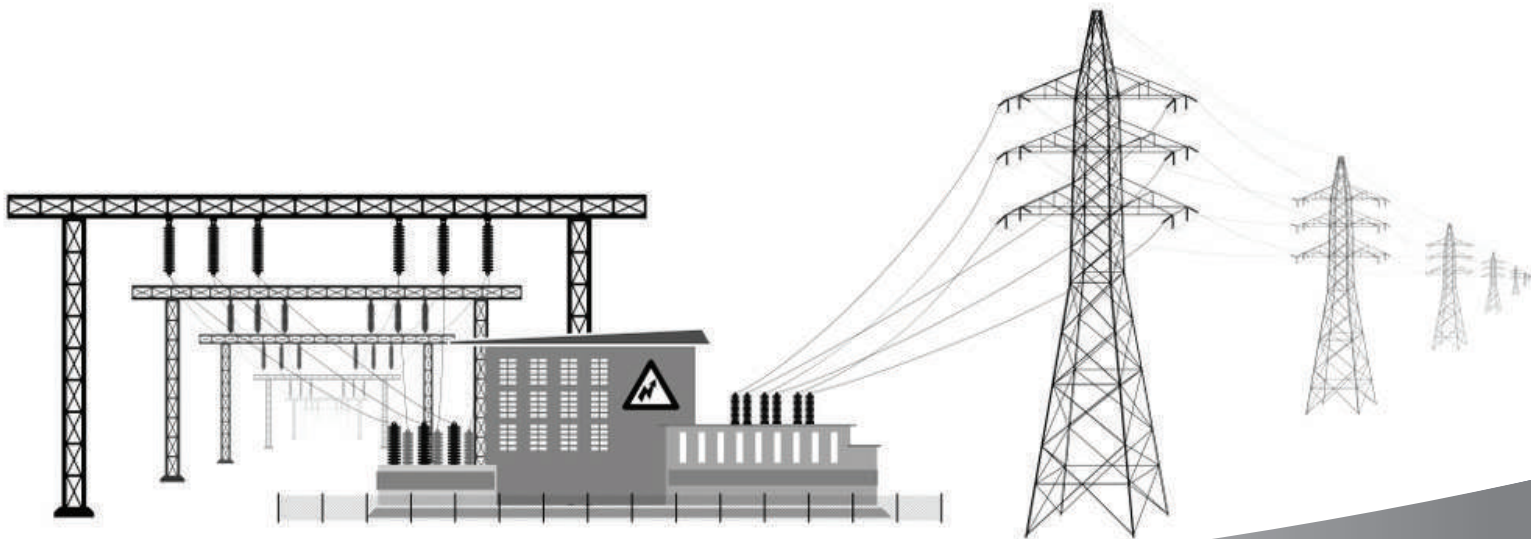


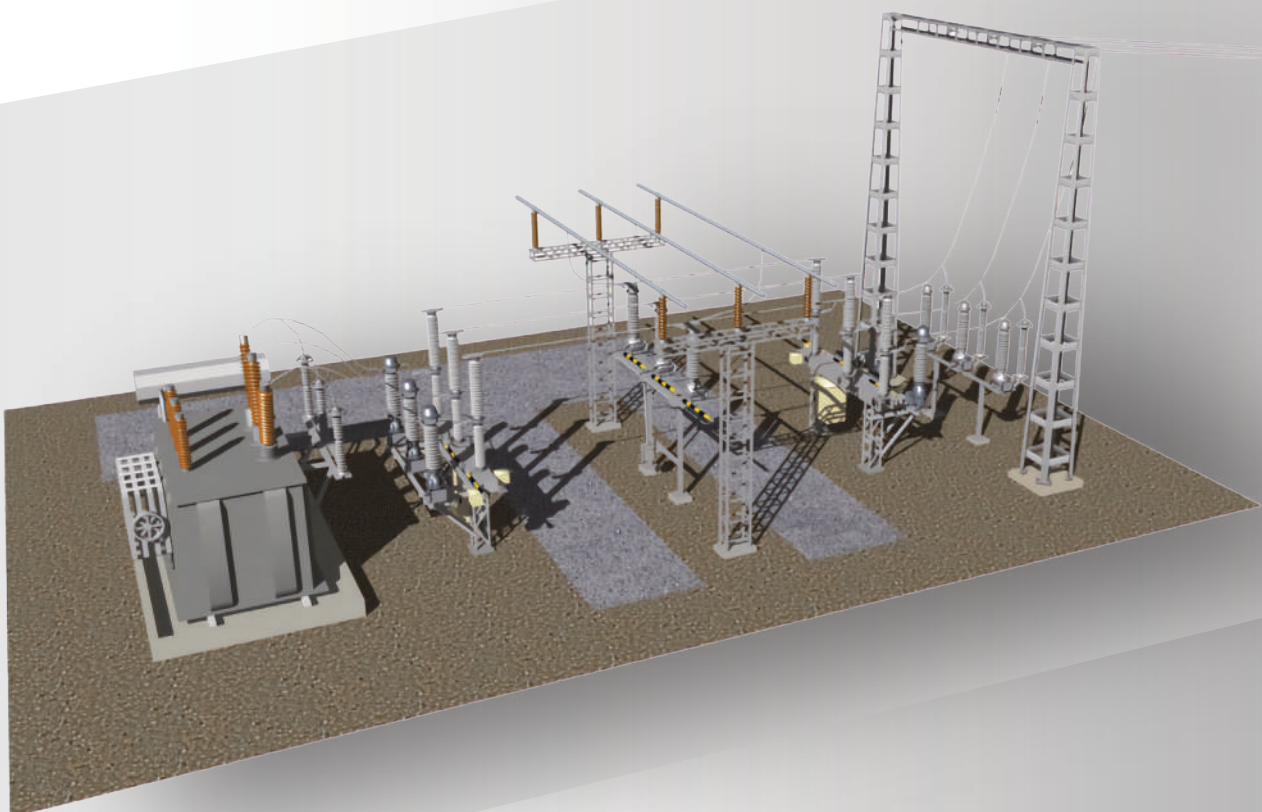
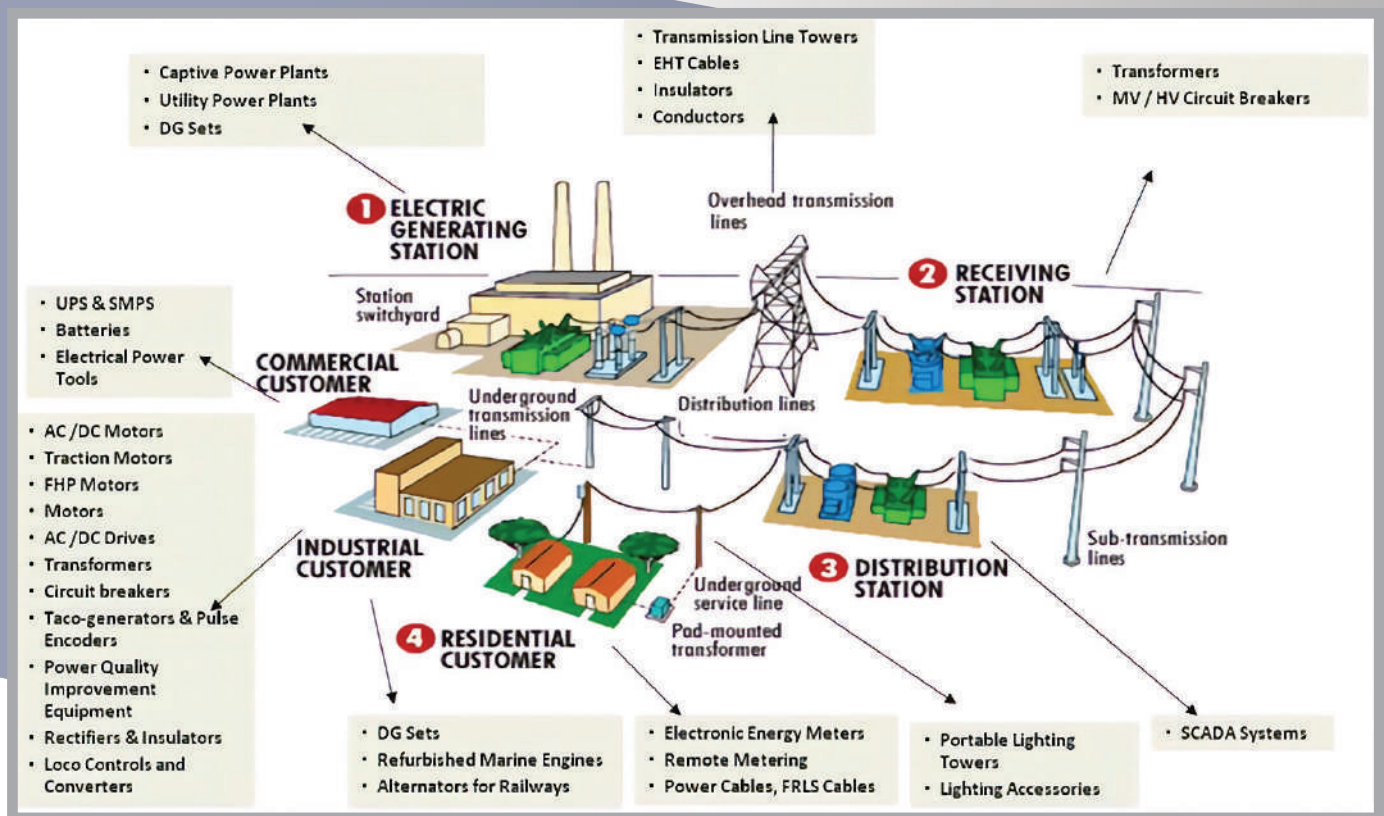
# NORTH POWER COMPANY

Your Partner in Engineering



## COMPANY PROFILE 2022





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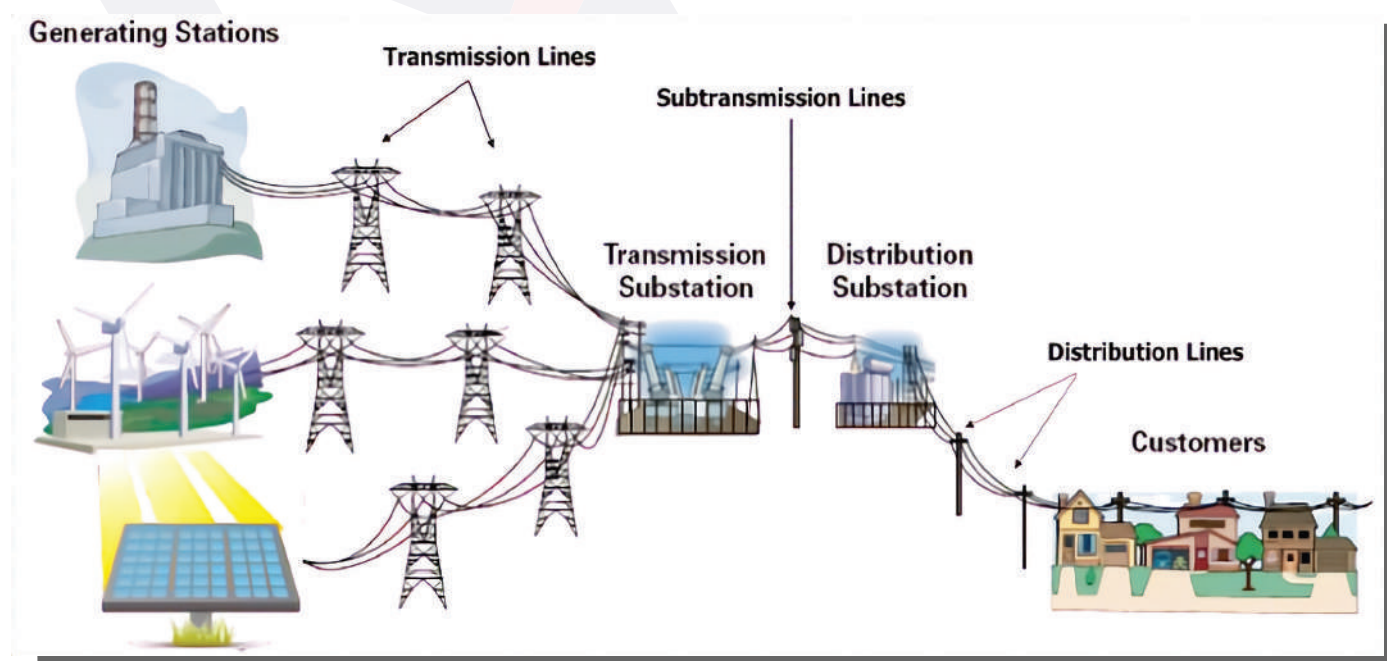
# 1. Executive Director Message

Dear Customer,

We are pleased to introduce ourselves as an electrical service provider. Our core proficiency and specialization in service includes almost anything in regard with power infrastructure in the industries ranging from Engineering, Procurement and Construction (EPC), testing & commissioning, designing a structure, civil & electrical for a sub-station to even preventive and predictive maintenance activities, for one's need of electrical engineering and other industrial field projects related to power and energy industries and renewable energy plants.

We are pleased to enclose here with our profile as a ready reference for your kind perusal. We are in high spirits to associate with you and pleased to invite you to our customers and experience our service.

Jamal Rasheed





## 2. Corporate Information & Registrations

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

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2. Type of Company Business Entity: Sole Proprietorship

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

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

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5. KRG – Ministry of Natural Resources Registration & License Code: OSC ID 100755

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6. KRG – Ministry of Trading / Directorate of Companies – Suliamaniy

Registration & License Number: 1207 dated 27.12.2005

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

Registration & License Number: 4901 dated 21.02.2012

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

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9. Kurdistan Contractors Union

Registration & License Number: 613 dated 08.01.2006

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10. Kurdistan Union of Chamber of Commerce & Industry – Sulaimani Chamber Registration & License

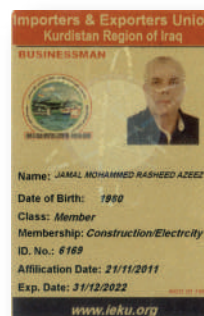
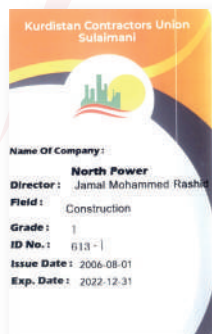
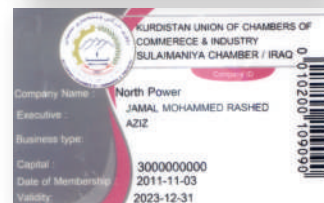
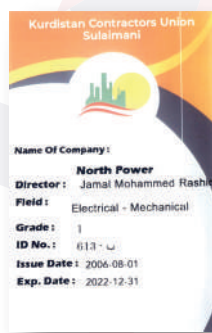
Number: 52153 dated 03.11.2011

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11. Importers & Exporters Union Kurdistan Region of IRAQ

Registration & License Number: 6169 dated 21.11.2011

### 3. Company Identity & Classifications



## 4. About North Power Company

**NORTH POWER COMPANY LTD (NPC)** has established itself as a true independent electrical service provider and we are an acclaimed ISO 9001, 14001, 45001 & 50001 certified company. NPC is a professional engineering company based in Kurdistan Region of Republic of Federal Iraq. NPC is providing expert Engineering, Procurement and Construction (EPC) services in different disciplines of industry, with a special focus on projects related to power and energy industries.

We have earned vast reputation in this industry due to our highly reliable as well as effectual services. A service company is only as the trust of its customers and the quality of its reputation. We have an experienced and excellent team of engineers, which helps us in offering the best services to our honored clients. Our company strictly adheres to principles line commitment towards our employees, honest trade practices and regular training in the respective fields.

NPC's expert team of highly qualified, experienced and dedicated professionals provides modern state-of-the-art engineering solutions to the industry requirements. NPC has the capacity of providing wide range of its engineering services from concept design stage to the final commissioning and handing over stages, including operation and maintenance services too.

With many years of industry experiences in the country, NPC professional team with professional engineer has great successes in different fields of engineering industry, particularly in electricity projects.

NPC offers solar technology with design, provision of supply products, erection, testing and commissioning services based on customer's requirements. Using advantages in supply and demand relied on experienced, integrated, high-quality and low-cost ability, NPC provide clients with more professional, more stable and more valuable products and services.

Project management, procurement and project construction services are the other very successful services that are provided by NPC for its wide range of public and private sector client base.

NPC holds a significant market share in the country, through its positive attitude and by way of delivering on-time, high quality services to the maximum satisfaction of its clients. Satisfied clients and motivated employees are the keys to NPC's success in the engineering industry.

## 5. Company Mission & Vision

### Mission

To provide quality services in all electro-mechanical engineer disciplines through our areas of expertise in power system and infrastructural segments with profitability growth. To continue to improve the living environment by reliable power supply from conventional and renewable power 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

Executive Director



NORTH POWER COMPANY  
For General Contracting Ltd.

## 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

Executive Director



NORTH POWER COMPANY  
For General Contracting Ltd.

## 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

Executive Director

## 7. Certifications

Quality and precision are the first priority for North Power Company, which shows the certified quality management systems in accordance with the requirements of the international know standard ISO 9001, 14001, 45001 & 50001. North Power Company follows this requirement.



### 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.

Certificate Number: INT/2201NO/2268

Surv. Audit on or Before: 19.12.2022

Initial Date of Certification: 20.01.2022

Re-certification Due on: 19.01.2024

Date of Certificate: 20.01.2022

Date of Expiry: 19.01.2023



Director:

Date: 20.01.2022

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

MKT. OFFICE: 1200 MERCER ST, SEATTLE, WA, 98109-5578, UNITED STATES

CORP. OFFICE: A-2714, Sector-16, Noida-201301, U.P.

www.qfscerts.com

email: admin@qfscerts.com

This Certificate remains the property of QFS



### 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.

Certificate Number: INT/2201NO/2269

Surv. Audit on or Before: 19.12.2022

Initial Date of Certification: 20.01.2022

Re-certification Due on: 19.01.2024

Date of Certificate: 20.01.2022

Date of Expiry: 19.01.2023



Director:

Date: 20.01.2022

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.

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CORP. OFFICE: A-2714, Sector-16, Noida-201301, U.P.

www.qfscerts.com

email: admin@qfscerts.com

This Certificate remains the property of QFS





## 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.**

Certificate Number: **INT/2201NO/2270**

Initial Date of Certification: **20.01.2022**

Date of Certificate: **20.01.2022**

Date of Expiry: **19.01.2023**

Surv. Audit on or Before: **19.12.2022**

Re-certification Due on: **19.01.2024**



Director:

Date: **20.01.2022**

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**

MKT. OFFICE: 1200 MERCER ST, SEATTLE, WA, 98109-5578, UNITED STATES

CORP. OFFICE: A-2714, Sector-16, Noida-201301, U.P.

www.qfscerts.com

email: admin@qfscerts.com

This Certificate remains the property of QFS



## 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: **INT/2201NO/2271**

Initial Date of Certification: **20.01.2022**

Date of Certificate: **20.01.2022**

Date of Expiry: **19.01.2023**

Surv. Audit on or Before: **19.12.2022**

Re-certification Due on: **19.01.2024**



Director:

Date: **20.01.2022**

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**

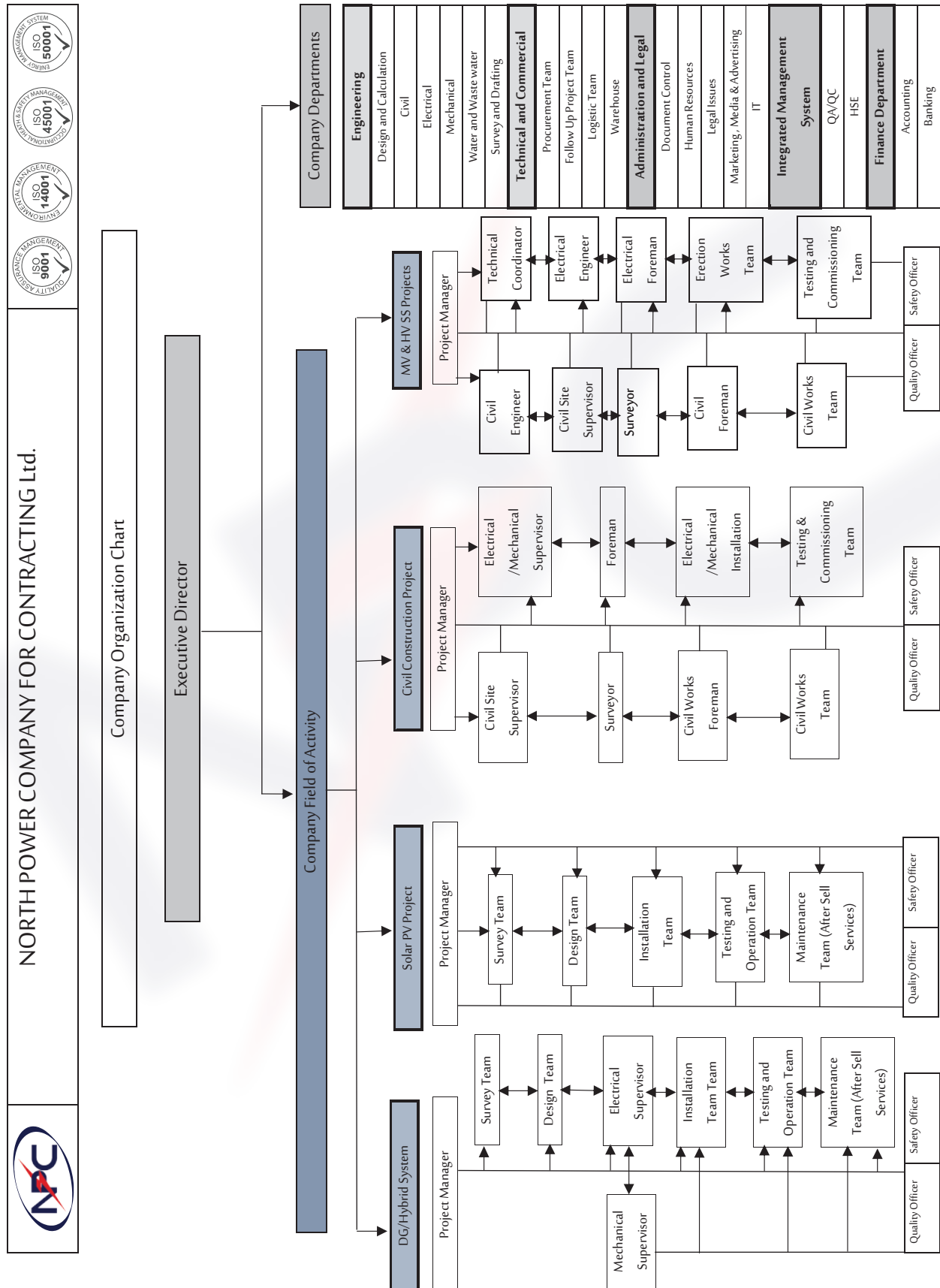
CORP. OFFICE: A-2714, Sector-16, Noida-201301, U.P.

www.qfscerts.com

email: admin@qfscerts.com

This Certificate remains the property of QFS

# 8. Company Organization Chart



## 9. Company Objective

NPC strategic objective is to provide economical, reliable and sustainable high quality of the engineering solutions to its customers by way of:

- ★ Wining a significant market share and gaining customer confidence.
- ★ Further development of professionalism and knowledge of its staff.
- ★ Attaining world best engineering practices.
- ★ Being an environmentally responsible always.
- ★ Becoming the most respectable clean energy partner by providing Green Energy Technology Solution with high quality Solar Photo Voltaic and Solar Water Heating systems with associated equipment.
- ★ Providing Highly Effective Operation and Management.

All NPC objectives which include completed solutions for customers should be realized by combining:

- ★ Project Financing,
- ★ Planning,
- ★ System Integrating,
- ★ Engineering Construction.

These solutions are based on:

- ★ Excellent Quality,
- ★ Competitive Price,
- ★ Fast Delivery.



## 10. Company Services

NPC provides its services in most of major engineering disciplines, such as civil, electrical and mechanical engineering.

Areas of Specialization:

- ★ Power and Energy Industries,
- ★ Detailed Engineering for Substations,
- ★ Renewable Energy – Solar Technology
- ★ Supply, Erection, Testing & Commissioning of AIS & GIS Substations,
- ★ Carrying out Civil works with Civil Supervision Services,
- ★ Operation & Maintenance of Substations,
- ★ Optic fiber cable Splicing, Testing and inclusive of End termination,
- ★ BMS, Networking, Telecommunication & Security Systems,
- ★ Water and Wastewater Treatment Plants,
- ★ Project Management and Project Administration Services.





## 11. Company Capability

NPC's experienced dedicated international and national staffs are the most significant element of the company strength in providing high quality of the engineering solutions for the different needs of its customer's, from concept designs through to the final testing and commissioning stages of engineering projects. With its capable technical experts, NPC is providing operation and maintenance services too in certain engineering projects and after sale services particularly in equipment supply projects.

International staffs of NPC have been involved in a wide range of major infrastructure development projects over the past years in different countries sometimes under difficult conditions. In general, the international staffs in NPC have gained experience in working countries like Iraq (pre and post war conditions), Iraq Kurdistan Region, other Middle East countries, Asia / South Asia, North Africa, China, Central Europe.



## 12. Tools Used By NPC

NPC's team of qualified and experienced professionals equipped with following modern power industry tools provides a wide range of state-of-the-art solutions to the industry.

### **ETAP**

Transmission, Sub-transmission electricity network planning, design & technical analysis and studies.

### **MapInfo & AutoCAD**

Mapping and drafting software's.

### **Project Management**

Microsoft Project for project program preparation.

### **Al-Ameen**

Accounting system program.

### **PVSYST**

Energy modelling tool analyzing solar energy can be harvested into an electrical energy from a particular site or location.

## 13. Company Key Professional Staff

The key professional staffs of NPC are as follows:

### BOARD OF DIRECTORS

Jamal M Rasheed

B.Sc Electrical Engineering (Iraq)

Executive Director

### Management and Construction of Power Engineering Projects

Establishment and implementation of project management system and procedures, project construction schedules, coordination, site supervising activities, including procurement, tendering and contracting works of medium and large-scale engineering projects.

### NPC'S PROFESSIONAL TECHNICAL STAFFS

#### 1. Ahmad Kaykawes Saeed Zangana

B Sc Building Construction Engineering/ Civil Coordinating Engineer

Expert Civil Engineer - Design and Construction of Civil Engineering Projects

Design, Planning and construction of different buildings and substation, road construction, irrigation project, water supply and sewerage systems.

#### 2. Bahjat Dabbagh

M Sc Civil Engineering (Iraq) – Civil Construction Project Manager

Senior Civil Engineer - Management and Construction of Civil Engineering Projects

Structural design, Construction of different buildings and Multi-storey buildings, road construction, irrigation project, Substation design and construction, complementary project (Water supply and Sewerage system).

**3. Botan Ibrahim Mohammed**

B.Sc civil Engineering/ Water Environmental Sanitations-WES (Iraq)

WES – Project Manager

Civil Engineer- Designing and Execution of water sanitation projects and systems

Civil/Structural Engineering, experience in executing, supervising, designing, studying and evaluation of water environmental sanitation projects, project modification, oversight of cost and schedule savings, feasibility studies of water projects.

**4. Rawa Taha Omer**

B.Sc Civil Engineering (Iraq)

Senior Civil Engineer - Management and Construction of Civil Engineering Projects

Design and construction of telecommunication sites, Construction of different buildings and

Multi-storey buildings, road construction, irrigation project, complementary project (Water supply and sewerage system).

**5. Shwan Rahman Saeed**

B.Sc Architectural Engineering (Iraq)

Architect - Design of Civil Engineering Projects

Design, Supervision and construction of different Civil Engineering Structural projects.

**6. Sarkar Abwbakr**

Diploma for Surveying - Technical Institute (Iraq)

Surveyor of Civil Engineering Projects

Well-equipped land surveyor with a wide range of experience in surveying duties such as planning and design of different Civil Engineering Structural projects.

**7. Diary M. Hussain**

B.Sc Electrical Engineering (Iraq)

Expert Electrical Engineer - Distribution network, Generators and Substation

Management and execution of UGC projects, Street Lighting projects and Distribution Network (Grounding and low voltage electricity systems) and Quality control, health and safety issues.

**8. Hendren Gharib Raouf**

B.Sc Electrical Engineering (Iraq)

Expert Electrical Engineer - Execution, supervisions and O&M

Expert for communications projects of voice, data and SCADA system (Local and Remote) implementation, schedules, coordination and site supervising activities, and experience in executing of electrical power substations for HV and MV, electrical distribution networks and street lighting.

**9. Dwarozh Omer Ali**

B.Sc Electrical Engineering (Iraq)

Health and Safety Officer

Managing all health and safety activities, including regulatory compliance efforts. includes implementing, enforcing and improving safety regulations during projects implementation on a continuous basis.

**10. Wshyar Mustafa Muhammed**

B.Sc Mechanical Engineering (Iraq)

Expert Mechanical Engineer - Management and Construction of Mechanical Engineering Projects

Management and execution of Mini hydro projects, generation plant, telecommunication projects (Grounding, electrical power connection, IBS indoor solution, BTS, DCS and repeaters).

**11. Yadgar Namiq Mustafa Agha**

B.Sc Mechanical Engineering (Iraq)

Expert Mechanical Engineer – Design, Rehabilitation, O & M of Mechanical Engineering Projects

Supervision and construction of different Mechanical Engineering projects.



**ADMINISTRATION AND FINANCE SUPPORT****1. Daban Nabil**

B.Sc Agriculture/ Soil & Water Science (Iraq)

**Operation Manager - Administration and Finance and IMS System Controller**

Management of administration and finance of projects, including preparation of employment contracts, subcontractor agreement, managing payment and maintaining general projects expenditures , Control and auditing of Integrated Management System According to ISO (9001:2015 , 14001:2015 , 45001:2018) requirements.

**2. Pshko Zahd Mahmood**

B.Sc Agriculture/ Soil & Water Science (Iraq)

Supply Chain Manager

Supervising warehouse and monitoring the inventory and the materials flows, supervising the procurement staff and monitoring the purchase cost and qualities, handling purchases both locally and internationally, participating in the tender documents and contract negotiations.

**3. Baba Karem Fariq Hama Farj**

B.Sc Faculty of law (Iraq)

Legal Advisor Provision of legal advice, reviews business documents, negotiates business agreements. Following business laws in relation to; licensing, security, taxes, labour and other things, representing civil courts. Business attorneys guide company executives on legal proceedings on an assortment of things.

**4. Faris Hama Abdulla**

IT Expert

Management of server, computers, Network and NPC website ([www.npciraq.com](http://www.npciraq.com)) developer and Administrator.

## TECHNICAL CONSULTANTS

**1. Sulejman Abdulah Durmo**

B.Sc Electrical Engineering (Bosnia)

Expert Electrical Engineer - Technical Coordination, Design, Planning & Construction of El. Systems

Design, Planning and construction of high, medium and low voltage electricity systems, including substations, underground and electrical part of hydro power stations, Project management (substations); design, technical specifications, bid documents, bid evaluation, contracting and contract supervision, project technical coordination, field construction and installation, acceptance testing and commissioning.

**2. Sead Abdulah Durmo**

Diploma Electrical Engineering (Bosnia)

Expert Electrical Consulting Engineer – Construction of MV, HV and EHV Transmission Lines

Expert on high voltage and extra high voltage transmission line planning, design, site implementation and commissioning. Implementation of Over Head Transmission Line projects which include preparation of technical specifications, tender documents, route selection and tower spotting, preparation of drawings, negotiations and preparation of contract documents, site management, assistance to Project Manager in contract administration and coordination, and procurement of electrical equipment and materials.

**3. Prof. Mohamed Raouf Abdul Kadir**

Ph.D Structural Engineering / Professor in Structural Engineering (Iraq)

**Expert Civil Consulting Engineer - Planning and Design of Major Civil Structural Engineering Applications**

Planning and Design calculations of different civil engineering structural applications in various major infrastructure development projects.

#### 4. Ferid Zametica

B.Sc Electrical Engineering (Bosnia)

Senior Testing & Commissioning Engineer - Site Management of Erection, Testing & Commissioning

Site management of erection, testing and commissioning of high, medium and low voltage electrical systems, including substations, hydro and thermo power plants and various kinds of electrical system in different kinds of plants.

#### 5. Alen Burdzovic

B.Sc Electrical Engineering (Bosnia)

**Senior Testing & Commissioning Engineer - Site Management of Testing & Commissioning, Certified Specialist for Relay Protection**

Site management of testing and commissioning of high, medium and low voltage electrical systems, including substations, hydro and thermo power plants and various kinds of electrical system in different kinds of plants. Certified specialist for testing and commissioning of relay protection and metering equipment from world recognized manufacturers as SIEMENS, ABB, GE and ALSTOM.





# Company Track Records

# 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:**

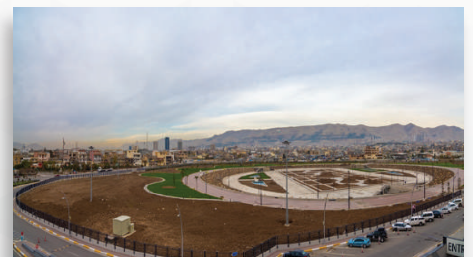
100%

## **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





# Dokan HPP Air Compressors

Name of Project / Kind of Works:

Dokan HPP Air Compressors

Total Value of the Contract:

409,767.81 USD

Implementation Duration Time:

140 days

Commencement Date:

13/08/2013

Completion Date:

28/12/2013

Status of Project Completion:

100%

Contracting Authority and Location:

KRG-Ministry of Electricity funded by World Bank

NPC Responsibility:

Manufacturing, Factory Test, Shipping and Delivering at site the Spare Parts for Dokan HPP Air Compressors and two Excitation Transformers 670kVA, 13800/320V



# 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





# Air Compressor on 4x4 Flat truck

**Name of Project / Kind of Works:**

Air Compressor on 4x4 Flat truck

**Total Value of the Contract:**

441,189,000.00 IQD

**Implementation Duration Time:**

90 days

**Commencement Date:**

12/06/2013

**Completion Date:**

09/09/2013

**Status of Project Completion:**

100%

**Contracting Authority and Location:**

Ministry of Agriculture and water resources- Directorate of Sulaimaniyah Under Ground Water

**NPC Responsibility:**

Manufacturing, testing and delivery of 34.5 bar  
1270m<sup>3</sup>/h Air Compressor on 4x4 Flat truck



# Provision of Transformer Insulating Oil

**Name of Project / Kind of Works:**

Provision of the transformer insulating oil

**Total Value of the Contract:**

99,960,000.00 IQD

**Implementation Duration Time:**

10 weeks

**Commencement Date:**

10/07/2013

**Completion Date:**

01/09/2013

**Status of Project Completion:**

100%

**Contracting Authority and Location:**

KRG-Ministry of Electricity/ Directorate of Electrical  
Generation Sulaimaniyah

**NPC Responsibility:**

Production, Factory Testing and Delivery of transformer  
insulating oil



# 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.



# 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



# Company

## Solar Technology Track Records



# 18,720 Wp Solar Off-Grid System / Roof Top

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.



# 8,320 Wp Solar System for MLV Control Building

## 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.



# Supply and Installation of 48V Off Grid DC Invertor Solar Air Conditioner System

Project Name:

Supply and Installation of 48V Off Grid DC invertor 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.





# 3,120 Wp Solar Off Grid System

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 approximately is 6.73 MWh / year.

Implementation Duration: 3 Working days

Commencement Date:

12/07/2019

Completion Date:

15/07/2019

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.



# 6,050Wp Solar Off Grid System

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 approximately is 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 /Sulaimaniyah – Ali Najy District

NPC Responsibility:

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



# 900 Wp Solar Off Grid System

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 approximately is 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.





# 3,120Wp Solar Off Grid System

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.





# 3,120Wp Solar Off Grid System

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.



# 3,640Wp Solar Off Grid System - DC system for Gorran Net Co.

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.



# 3,640 Wp Solar Off Grid System - AC system for Gorran Net Co.

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.





# 3,120Wp Solar Off Grid System

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.





# 3,120Wp Solar Off Grid System

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.



# 6,240 Wp Solar Off-Grid System

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 approximately is 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.



# 6,240 Wp Solar Off-Grid System

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 approximately is 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.





# 6,240Wp Solar Off-Grid System

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 approximately is 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.





# Solar Street Lights for Arbat and Ashti Refugee Camps

Project Name:

16 (All in Two Type) Solar Street Lights for Arbat and Ashti Refugee Camps

Implementation Duration: 15 Working days

Commencement Date:

01/12/2017

Completion Date:

15/12/2017

Status of Project Completion: 100%

Contracting Authority and Location:

Qandil Organization / Hasuna Co. – Sulaimaniyah / Arbat and Ashti Refugee Camps

NPC Responsibilities:

Design , Delivery , Installation , Testing and Commissioning of 16 Street Lights



# Supply , Installation and Connection Works for 160L-360L Water Solar Collectors



## 16. Clients

M/s. ABB

M/s. SIEMENS

M/s. KRG – Ministry of Electricity

M/s. KRG – Ministry of Finance

M/s. KRG – Ministry of Natural Resources

M/s. Faruq Holding Group, Kurdistan Region of Iraq

M/s. Qaiwan Group/ Bezhan Pet Co. For Oil Services Ltd

M/s. Mass Global Investment Group

M/s. Crescent Petroleum Company (IRAQ) FZE

M/s. MATELECK GROUP/ Lebanon

M/s. Plan Company Ltd., Kurdistan Region of Iraq

M/s. Lebanon Mountain CO. for Agriculture and Landscape

## 17. VENDOR INDEPENDENCY

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

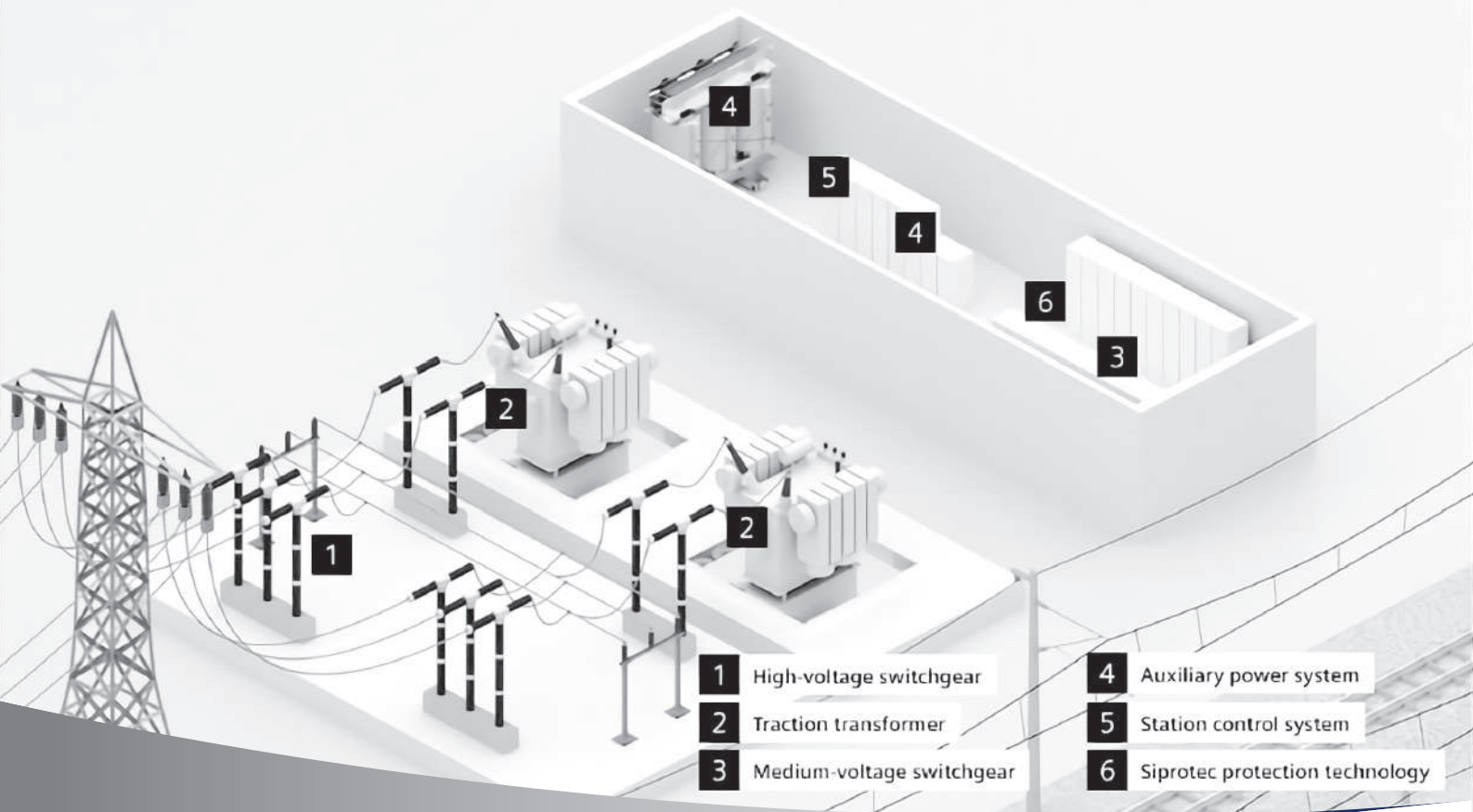


We are collaborating with different vendors for Electrical Substation Equipment and Materials Supplying for Projects









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