

PARSA HONYA

INTEGRATED POWER & ENERGY SOLUTIONS

POWERING TODAY
SUSTAINING TOMORROW



www.parsahonya.com



POWER
GENERATION



TRANSMISSION &
DISTRIBUTION



INDUSTRIAL
SOLUTIONS



RENEWABLE
ENERGY





OUR VISION

To be a leading EPC company recognized globally for delivering sustainable energy solutions.



OUR MISSION

Delivering integrated, innovative and reliable energy solutions that create value for our clients and communities.



OUR VALUES

- Integrity
- Excellence
- Teamwork
- Innovation
- Sustainability

MESSAGE FROM THE CHIEF EXECUTIVE OFFICER

Dear Partners and Stakeholders,

At **PARSA HONYA**, we believe that energy is the foundation of progress and sustainability is the key to the future.

Since our establishment, we have been committed to delivering integrated and innovative EPC solutions in the power and energy sector. With a team of experienced professionals and a passion for excellence, we transform challenges into opportunities and vision into value.

Our strength lies in our people, our technical expertise and our unwavering commitment to quality, safety and environmental responsibility. Every project we undertake reflects our promise to deliver reliable, efficient and sustainable solutions that empower communities and industries.

We look forward to building long-term partnerships and powering a brighter, more sustainable tomorrow together.

Sincerely,

Dr. Mehrdad Khalili

Chief Executive Officer
PARSA HONYA



EXPERIENCED
PROFESSIONALS

+20



PROJECTS
DELIVERED

15



TOTAL CAPACITY
EXECUTED

+10 MW



INTERNATIONAL
PRESENCE

Expanding



KEY PERSONNEL

LEADERSHIP TEAM



01

Mehrdad Khalili

Chief Executive Officer

🎓 Ph.D. in Power Engineering

📅 15 Years Experience



02

Amir Ali Lashgari

Deputy of Technical
& Engineering

🎓 M.Sc. in Power Engineering

📅 23 Years Experience



03

Iman Hashemi

Deputy of
Commercial Affairs

🎓 M.Sc. in Civil Engineering

📅 22 Years Experience



04

Alireza Etehad

Deputy Manager

🎓 M.Sc. in Power Engineering

📅 22 Years Experience

KEY PERSONNEL

LEADERSHIP TEAM

CIVIL & STRUCTURAL DISCIPLINE



01
**Mohammad
Soroush Amani**
Project Manager

🎓 M.Sc. in Civil Engineering
📅 25 Years Experience



02
**Abbas
Mahmoudi**
Civil & Structural
Supervisor

🎓 M.Sc. in Geotechnical
Engineering
📅 16 Years Experience



03
**Mohammad Reza
Mahmoudi**
Civil Construction
Manager

🎓 M.Sc. in Civil Engineering
📅 17 Years Experience

MECHANICAL DISCIPLINE



04
**Hanif Meraati
Shirazi**
Mechanical Department
Manager

🎓 M.Sc. in Mechanical Engineering
📅 23 Years Experience



05
**Sabah
Sadeghi**
Mechanical Manager

🎓 M.Sc. in Mechanical Engineering
📅 13 Years Experience

ELECTRICAL DISCIPLINE



06
**Amir
Ahmadi Kalan**
Project Manager

🎓 M.Sc. in Power Engineering
📅 15 Years Experience



07
**Mohammad Reza
Fathi**
Electrical Construction
Manager

🎓 B.Sc. in Power Engineering
📅 12 Years Experience

RENEWABLE ENERGY



08
**Hamzeh
Khazri**
Solar Projects Manager

🎓 M.Sc. in Power Engineering
📅 15 Years Experience

NOVID FARAZ TORAB TAB PROJECT

SOLAR POWER PLANT

Design, supply, installation, testing and commissioning of solar power plant (EPC).



PROJECT TYPE
Solar Power Plant



CLIENT
NAVID FARAZ TORAB



LOCATION
Shal Industrial City,
Qazvin, Iran



EXECUTION PERIOD
Spring 1404 – Spring 1405



PROJECT STATUS
Completed



PROJECT SCOPE



Engineering & Design
Detailed engineering, system design and simulations



Procurement
Supply of PV modules, inverters, structures and equipment



Construction & Installation
Civil works, mechanical assembly and electrical installation



Testing & Commissioning
Testing, pre-commissioning and final commissioning



Operation Support
Training and technical support

KEY FACTS



CAPACITY
3000
kWp



LOCATION
Shal Industrial City,
Qazvin, Iran



COMPLETION YEAR
1405



PROJECT TYPE
Solar Power Plant

5 MW ON GRID SOLAR POWER PLANT



PROJECT TYPE

On Grid



CLIENT / OWNER

Tolou Paydar Energy Sabz
(Public Joint Stock Company)



LOCATION

Iran, Markazi
Zavie



SCOPE OF WORK

EPC



PROJECT START

July 2026



PROJECT STATUS

In Progress

The 5 MW on-grid solar power plant project in Zavie, Markazi, Iran is being executed on an EPC basis. The project started in July 2026 and is currently in progress.



PROJECT SCOPE



Engineering & Procurement

Engineering, equipment procurement and supply



Construction & Installation

Civil works, structure installation and electrical installation



Testing & Commissioning

Testing, system verification and commissioning



Operation Support

Operation training and maintenance guidelines

KEY FACTS



CAPACITY

5
MW



LOCATION

Zavie, Markazi
Iran



SCOPE

EPC



PROJECT START

July 2026



PROJECT STATUS

In Progress

1 MW

ON GRID

SOLAR POWER PLANT



PROJECT TYPE

On Grid Solar Power Plant



CLIENT / OWNER

Mr. Tarbiyat Dideh



LOCATION

Zagros Industrial City,
Kermanshah, Iran



SCOPE OF WORK

EPC
(Engineering, Procurement
& Construction)



PROJECT START

Ordibehesht 1404



PROJECT STATUS

Panel Installation
In Progress

The 1 MW on grid solar power plant project in Zagros Industrial City, Kermanshah, is being executed on an EPC basis. The project is currently in the panel installation phase.



PROJECT SCOPE



Engineering & Procurement

Engineering, equipment
procurement and supply



Construction & Installation

Civil works, structure installation
and electrical installation



Testing & Commissioning

Testing, system verification and
commissioning



Operation Support

Operation training and
maintenance guidelines

KEY FACTS



CAPACITY

1
MW



LOCATION

Zagros Industrial City,
Kermanshah, Iran



SCOPE

EPC



PROJECT START

Ordibehesht 1404



STATUS

**Panel Installation
In Progress**

UNDERGROUND GENERATOR PROJECT

INSTALLATION OF DIESEL GENERATOR
IN UNDERGROUND ENCLOSURE



PROJECT TYPE
Diesel Generator Installation



CLIENT
AVA TEJARAT SABA



LOCATION
Tehran, Iran



EXECUTION PERIOD
Ordibehesht 1405
(April – May 2026)



PROJECT STATUS
Completed

Design, supply, installation and commissioning of an underground diesel generator system with soundproof enclosure and automatic access hatch for reliable emergency power supply.



PROJECT SCOPE



Engineering & Design
System design, load calculation and technical documentation



Procurement
Supply of diesel generator, ATS, fuel system, enclosure materials and accessories



Construction & Installation
Civil works, underground enclosure construction, mechanical and electrical installation



Testing & Commissioning
Testing, system verification and final commissioning



Operation Support
Operation training and maintenance guidelines

KEY FACTS



POWER CAPACITY

110
kVA



LOCATION

Tehran,
Iran



COMPLETION DATE

Ordibehesht 1405
(April – May 2026)



PROJECT TYPE

Underground
Diesel Generator
Installation

500 KW SOLAR POWER PLANT



PROJECT TYPE

Solar Power Plant



CLIENT

SHAYAN MAHMODI



LOCATION

Shal Industrial Town,
Qazvin, Iran



EXECUTION PERIOD

Executed by Parsa Honya



PROJECT STATUS

Completed

April 2026

Installation and commissioning of a 500 kW grid-connected solar power plant in Shal Industrial Town, Qazvin. The project was executed following the highest quality standards and delivered successfully.



Design and supply were not included in the project scope.



PROJECT SCOPE



Construction & Installation

Civil works, structure installation and electrical installation



Testing & Commissioning

Testing, system verification and final commissioning



Operation Support

Operation training and maintenance guidelines

KEY FACTS



CAPACITY

500
KW



LOCATION

Shal Industrial Town,
Qazvin, Iran



COMPLETION DATE

April 2026



PROJECT TYPE

Solar Power Plant

500 KW SOLAR POWER PLANT



PROJECT TYPE

Solar Power Plant



CLIENT / OWNER

Mohammad Mahmodi



LOCATION

Shal Industrial Town,
Qazvin, Iran



EXECUTION PERIOD

Executed by Parsa Honya



PROJECT STATUS

Completed
April 2026

Installation and commissioning of a 500 kW grid-connected solar power plant in Shal Industrial Town, Qazvin. The project was executed successfully in accordance with the highest quality standards.



PROJECT SCOPE



Construction & Installation

Civil works, structure installation and electrical installation



Testing & Commissioning

Testing, system verification and final commissioning



Operation Support

Operation training and maintenance guidelines

KEY FACTS



CAPACITY

500
KW



LOCATION

Shal Industrial Town,
Qazvin, Iran



COMPLETION DATE

April 2026



PROJECT TYPE

Solar Power Plant

500 KW SOLAR POWER PLANT



PROJECT TYPE

Solar Power Plant



CLIENT / OWNER

Mahan Mahmoodi



LOCATION

Shal Industrial Town,
Qazvin, Iran



EXECUTION PERIOD

Executed by Parsa Honya



PROJECT STATUS

Completed
April 2026

Installation and commissioning of a 500 kW grid-connected solar power plant in Shal Industrial Town, Qazvin. The project was executed successfully in accordance with the highest quality standards.



PROJECT SCOPE



Construction & Installation

Civil works, structure installation and electrical installation



Testing & Commissioning

Testing, system verification and final commissioning



Operation Support

Operation training and maintenance guidelines

KEY FACTS



CAPACITY

500
KW



LOCATION

Shal Industrial Town,
Qazvin, Iran



COMPLETION DATE

April 2026



PROJECT TYPE

Solar Power Plant

200 KW HYBRID SOLAR POWER PLANT



PROJECT TYPE

Hybrid Solar Power Plant



CLIENT / OWNER

Deraman Salamat
Afghanistan



LOCATION

Herat Pharmaceutical Co.,
Herat, Afghanistan



SCOPE OF WORK

EPC (Electrical Installations
+ 200 kW Hybrid Solar
Power Plant + Supply)



PROJECT START

Esfand 1404



PROJECT STATUS

In Progress

EPC execution of electrical installations together with a 200 kW hybrid solar power plant on the shed roof of Herat Pharmaceutical Company, Herat, Afghanistan.

The project started in Esfand 1404 and is currently in progress.



PROJECT SCOPE



Engineering & Procurement

Engineering, equipment
procurement and supply



Construction & Installation

Civil works, structure installation
and electrical installation



Testing & Commissioning

Testing, system verification and
commissioning



Operation Support

Operation training and
maintenance guidelines

KEY FACTS



CAPACITY

200
KW



LOCATION

Herat,
Afghanistan



SCOPE

EPC

Electrical Installations
+ Supply
+ 200 kW Hybrid
Solar Power Plant



PROJECT START

Esfand 1404



PROJECT STATUS

In Progress

200 KW

ON GRID

SOLAR POWER PLANT



PROJECT TYPE

On Grid Solar Power Plant



CLIENT / OWNER

Ahoura Gas Station
Kermanshah



LOCATION

East Ring Road, Kermanshah
Next to 63/20 Power Substation



SCOPE OF WORK

EPC
(Engineering, Procurement
& Construction)



PROJECT STATUS

Completed

The 200 kW on grid solar power plant project for Ahoura Gas Station, located on the East Ring Road of Kermanshah next to the 63/20 Power Substation, has been successfully completed on an EPC basis.



PROJECT SCOPE



Engineering & Procurement

Engineering, equipment
procurement and supply



Construction & Installation

Civil works, structure installation
and electrical installation



Testing & Commissioning

Testing, system verification and
commissioning



Operation Support

Operation training and
maintenance guidelines

KEY FACTS



CAPACITY

200
KW



LOCATION

East Ring Road,
Kermanshah
Next to 63/20
Power Substation



SCOPE

EPC
(Engineering,
Procurement
& Construction)



PROJECT STATUS

Completed



PROJECT TYPE

**On Grid
Solar Power Plant**

200 KW HYBRID SOLAR POWER PLANT



PROJECT TYPE

Hybrid Solar Power Plant



CLIENT / OWNER

Vista Barna
Farvardin Factory for
Plastic Injection



SCOPE OF WORK

EPC (Electrical System
Upgrade and Modernization
+ Diesel Power Supply
+ Hybrid Solar Power Plant)



GENERATOR SUPPLY

Diesel Generator
330 KVA



LOCATION

Abbas Abad Industrial Town.
Tehran, Iran



PROJECT START

Khordad 1405



PROJECT STATUS

In Progress

EPC project for electrical system upgrade and modernization, including diesel power supply with a 330 KVA generator and a 200 kW hybrid rooftop solar power plant at Vista Barna Farvardin Plastic Injection Factory, Abbas Abad Industrial Town, Tehran.



PROJECT SCOPE



Electrical System Upgrade

Upgrading and modernization of electrical systems



Diesel Power Supply

Supply and installation of 330 KVA diesel generator



Hybrid Solar Power Plant

Supply and installation of 200 kW hybrid rooftop solar power plant



Testing & Commissioning

Testing, system verification and commissioning

KEY FACTS



GENERATOR

330

KVA



SCOPE

EPC

Electrical System Upgrade
+ Diesel Power Supply
+ Hybrid Solar Power Plant



SOLAR CAPACITY

200

KW



LOCATION

Abbas Abad
Industrial Town,
Tehran, Iran



PROJECT START

Khordad 1405



PROJECT STATUS

In Progress

20 KW HYBRID SOLAR POWER PLANT



PROJECT TYPE

Hybrid Solar Power Plant



CLIENT / OWNER

Reza Hooman



SCOPE OF WORK

EPC (Engineering, Procurement & Construction)



CAPACITY

20 KW



LOCATION

Isfahan, Iran



PROJECT START

Tir 1405



PROJECT STATUS

Completed

EPC project for a 20 kW hybrid solar power plant, including system design, supply, installation, and commissioning. The project has been successfully completed.



PROJECT SCOPE



Engineering & Design

System design and engineering



Procurement

Supply of solar panels, inverters, batteries and electrical equipment



Installation

Mechanical and electrical installation



Testing & Commissioning

System testing and successful commissioning

KEY FACTS



CAPACITY

20
KW



PROJECT TYPE

HYBRID
Solar Power Plant



LOCATION

Isfahan
Iran



SCOPE

EPC
(Engineering, Procurement & Construction)



PROJECT START

Tir 1405



PROJECT STATUS

Completed

24 KW HYBRID SOLAR POWER PLANT



PROJECT TYPE

Hybrid Solar Power Plant



CLIENT / OWNER

Mr. Engineer Riyaziat



SCOPE OF WORK

EPC (Engineering, Procurement & Construction)



CAPACITY

24 KW



LOCATION

Isfahan, Iran



PROJECT START

Mordad 1405



PROJECT STATUS

In Progress

EPC project for a 24 kW hybrid solar power plant on the rooftop of a villa, including system design, supply, installation, and commissioning. The project is currently in progress.



PROJECT SCOPE



Engineering & Design

System design and engineering



Procurement

Supply of solar panels, inverters, batteries and electrical equipment



Installation

Mechanical and electrical installation



Testing & Commissioning

System testing and commissioning

KEY FACTS



CAPACITY

24

KW



PROJECT TYPE

HYBRID

Solar Power Plant



LOCATION

Isfahan

Iran



SCOPE

EPC

(Engineering, Procurement & Construction)



PROJECT START

Mordad 1405



PROJECT STATUS

In Progress

1.4 MW SUBSTATION

& 1.3 MW DIESEL ROOM WITH ELECTRICAL FACILITIES

PROJECT TYPE
EPC (Engineering, Procurement & Construction)

CLIENT / OWNER
Zagros Darou Parsian

SCOPE OF WORK
EPC Construction of 1.4 MW Substation and 1.3 MW Diesel Room with All Electrical Facilities

SUBSTATION CAPACITY
1.4 MW

DIESEL GENERATOR ROOM
1.3 MW

LOCATION
Zavie County, Markazi Province, Iran

PROJECT START
MORDAD 1404

PROJECT COMPLETION
MEHR 1404

EPC project for construction of a 1.4 MW substation and a 1.3 MW diesel generator room, including all electrical installations such as power distribution, cable routing, earthing system, lighting, control system, and commissioning. The project has been successfully completed.



PROJECT SCOPE

- Substation Construction**
Design and construction of 1.4 MW substation
- Diesel Generator Room**
Construction of 1.3 MW diesel generator room
- Electrical Installations**
Power distribution, cable routing, earthing, lighting, and control systems
- Testing & Commissioning**
System testing and commissioning to ensure reliable operation

KEY FACTS

 SUBSTATION CAPACITY 1.4 MW	 DIESEL GENERATOR CAPACITY 1.3 MW	 LOCATION Zavie County, Markazi Province, Iran	 SCOPE EPC (Engineering, Procurement & Construction)	 PROJECT START MORDAD 1404	 PROJECT COMPLETION MEHR 1404
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225 kW HYDRO RENEWABLE POWER PLANT

Including 4 Units of 50 kW
and 1 Unit of 25 kW



PROJECT TYPE

EPC (Engineering, Procurement & Construction)



CLIENT / OWNER

TURBIN AHAN ARA KHORRAM



SCOPE OF WORK

EPC of 225 kW Renewable Hydropower Plant including All Electrical and Mechanical Installations



PLANT CAPACITY

225 kW
(4 x 50 kW + 1 x 25 kW)



LOCATION

Marovk Dam,
Lorestan Province, Iran



PROJECT START

MEHR 1404



PROJECT COMPLETION

MEHR 1404

The project includes 4 units of 50 kW and 1 unit of 25 kW Francis turbines. The project includes design, supply, installation, testing and commissioning of a 225 kW renewable hydropower plant at Marovk Dam. All electrical, mechanical, civil and control systems have been successfully implemented and the plant is fully operational.



PROJECT SCOPE



Engineering & Design

Detailed engineering and design of hydropower plant systems



Supply

Supply of all mechanical, electrical and control equipment



Installation & Construction

Installation of mechanical and electrical systems including civil work



Testing & Commissioning

Testing, commissioning and hand-over

KEY FACTS



PLANT CAPACITY

**225
kW**



UNITS CONFIGURATION

**4 Units of 50 kW
1 Unit of 25 kW**



CLIENT / OWNER

**Turbin
Ahan Ara Khorram**



LOCATION

**Marovk Dam,
Lorestan Province,
Iran**



PROJECT COMPLETION

**MEHR
1404**

SCIENTIFIC PUBLICATIONS

ARTICLES & BOOKS PUBLISHED BY OUR TECHNICAL TEAM



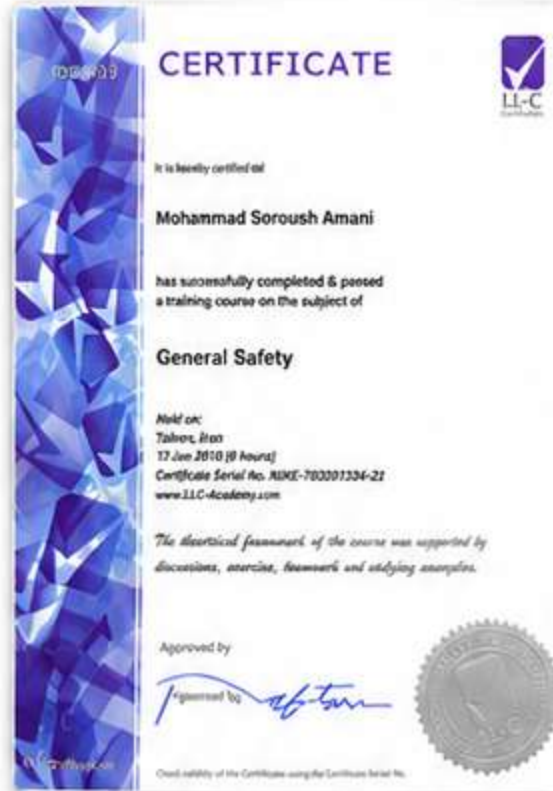
- 01 Khalili M, Namdari F, Rokrok E. Traveling wave-based protection for SVC connected transmission lines using game theory. *International Journal of Electrical Power & Energy Systems*. 2020 Dec 1;123:106276.
- 02 Khalili M, Namdari F, Rokrok E. Traveling wave-based protection for TCSC connected transmission lines using game theory. *International Transactions on Electrical Energy Systems*. 2020 Oct;30(10):e12545.
- 03 Khalili M, Namdari F, Rokrok E. A novel protection scheme for hybrid transmission systems connected to DFIG-based wind farms using game theory. *IET Renewable Power Generation*. 2021 Aug;15(11):2409-25.
- 04 Khalili M, Namdari F, Rokrok E. A fault location and detection technique for STATCOM compensated transmission lines using game theory. *IET Generation, Transmission & Distribution*. 2021 Jun;15(11):1688-701.
- 05 Khalili M, Namdari F, Rokrok E. A novel protection method for UPFC compensated transmission line based on cooperative game theory. *Iran. J. Electr. Electron. Eng.*. 2022 Mar 10;18:2082.
- 06 A.R.Etezzad, A. Gholami, "A Comparison of New Methods of MOV surge arresters diagnostics and Monitoring," presented at the Electric power distribution conference, Mazandaran, Iran, May 10-11,2006
- 07 A.R.Etezzad, A. Gholami, "Study and comparison of the verification methods of Flashover voltage of Insulators" presented at the Insulators seminar, Mazandaran, Iran, May 10-11, 2006.
- 08 A.R.Etezzad, A. Gholami, " Study of the methods for lightning parameters evaluation, " presented at the Electric power distribution conference, tehran, Iran, May 10-11, 2007.
- 09 A.R.Etezzad, A. Gholami, " Simulation and evaluation of overvoltages caused by backflashover with different models of MOV surge arrester using ATP-EMTP, " presented Cigre session, May 10-11,2008.
- 10 A.R.Etezzad, A.Gholami "Simulation and evaluation of Overvoltages caused by return stroke by different models of Mov surge arrester using EMTP" presented PSC session, May 10-11, 2008.
- 11 M.Meraat, A.R.Etezzad" Evaluation of different arc models in simulation of circuit breaker and presenting new models for study of reignition phenomena" ISCEE11.
- 12 A.R.Etezzad, A.Beheshtian "Simulation and evaluation of Overvoltages caused by switching with different models of Mov surge arrester using EMTP" ISCEE10.

HSE CERTIFICATIONS

Our team's expertise is backed by internationally recognized certifications in Health, Safety and Environment (HSE).



MOHAMMAD SOROUSH AMANI
HSE OFFICER
LL-C Certification | Tehran, Iran
12 Jun 2018 (8 hours)



MOHAMMAD SOROUSH AMANI
GENERAL SAFETY
LL-C Certification | Tehran, Iran
11 Jun 2018 (8 hours)



MOHAMMAD SOROUSH AMANI
HSE-MS
LL-C Certification | Tehran, Iran
13 Jun 2018 (8 hours)



MOHAMMAD SOROUSH AMANI
HSE IN CONSTRUCTION PROJECTS
LL-C Certification | Tehran, Iran
14 Jun 2018 (8 hours)



MOHAMMAD SOROUSH AMANI
HSE -PLAN
IIHSEP Academy | Tehran, Iran
13 Khordad 1397 (8 hours)



MOHAMMAD SOROUSH AMANI
HSE -PLAN
IIHSEP Academy | Tehran, Iran
2 Khordad 1397 (8 hours)

CONTACT WITH US

We are always here to answer your questions
and provide the support you need.



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