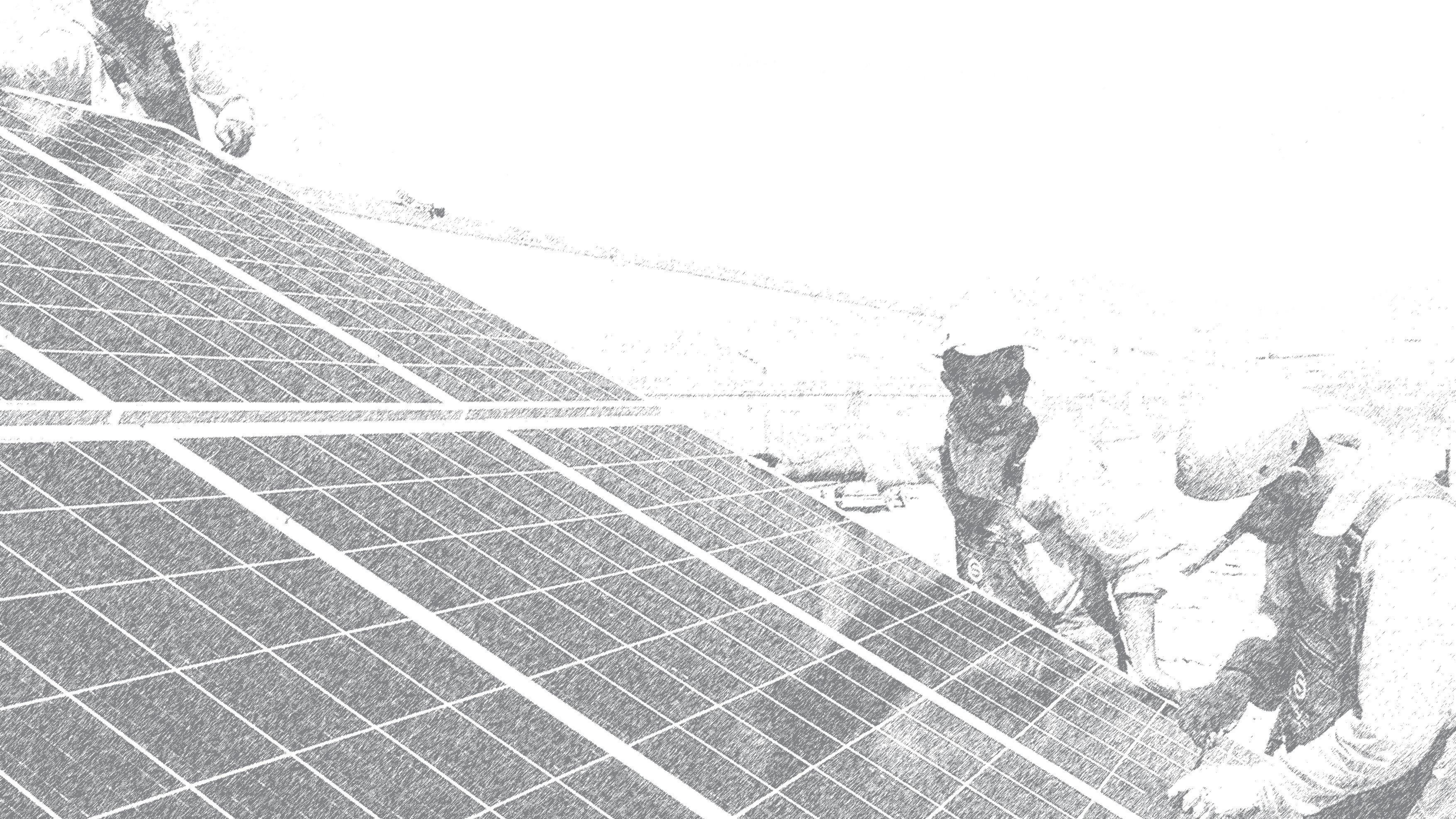




SOLAR ENERGY EXPERTS

COMPANY PROFILE •
Engineering | Procurement | Construction •

V01. 2025





With the growing demand for sustainable energy and the global shift toward reducing carbon footprints, Sheedsun Rad began its operations in 2010 with a focus on renewable energy and quickly became one of the leading pioneers in this field in the country. From the very beginning, the company's core activities have focused on providing comprehensive services in solar energy systems, including consulting, design, equipment procurement, installation, commissioning, and maintenance. By employing highly skilled specialists and collaborating directly with leading global brands such as LG (South Korea) and SMA (Germany), Sheedsun Rad has established itself as a reliable and reputable player in the solar energy industry.

In 2012, the company took a major step toward domestic self-sufficiency and quality enhancement by establishing a manufacturing facility for solar structures. Leveraging advanced technologies and modern equipment, the factory enabled the production of components that meet international standards, significantly improving the durability and efficiency of solar energy systems. Continuing its development path, Sheedsun Rad successfully designed and implemented the country's first zero-energy building in 2013, relying on local expertise. This innovative project demonstrated the company's commitment to a greener and more sustainable future. To date, Sheedsun Rad has proudly contributed to the procurement, installation, commissioning, and maintenance of a total of more than 600 MW of solar power plants across Iran — a clear testament to the company's experience, capabilities, and the trust it has earned as a national brand.





Sheedsun Rad's solar structure manufacturing facility, covering 4,700 m², is located in Caspian industrial complex, Ghazvin. It serves as a key center for producing structures required for the company's solar energy projects. The facility employs 43 skilled specialists and is equipped with advanced machinery, including roll forming machines, laser cutting, and press equipment, enabling precise and high-quality production of solar structures.

With a monthly production capacity of 400 tons, the factory's high speed and accuracy allow for rapid response to diverse market demands and the execution of large-scale projects

Our Team



Roosta Behzadi
Founder | CEO

- Over 25 years of experience in the construction and civil engineering sector
- 15 years as CEO

- Degree in Architecture
- MBA



Mora Manzouri
Founder | Project Manager

- 24 years of experience in civil and environmental projects

- Architectural Engineering
- LEED



Babak Sarlati
Chief Commercial Officer

- 14 years of experience in the electrical and solar energy industry

- Electrical Engineering



Reza Nasirlou
Chief Operation Officer

- 20 years of experience in civil engineering projects and 8 years of experience in the solar energy industry

- Civil Engineering



Firouz Firouz
Member of the Board

- 35 years of experience in the field of architecture

- Architectural Engineering



Cambyse Mirabedy
Chairman of the Board

- 25 years of experience in the IT field and 20 years of consulting services in the industry

- Computer Engineering, Psychology, and MBA

Our Services



Procurement



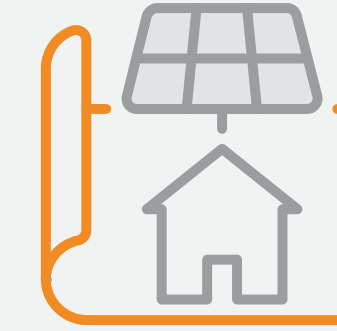
Investment



Operation and
Maintenance



Comprehensive
Project Phase
Consulting



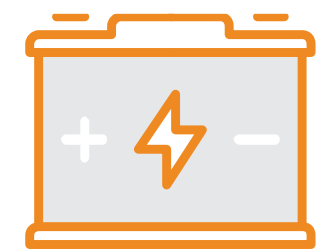
Project Design,
Construction,
Installation &
Commissioning



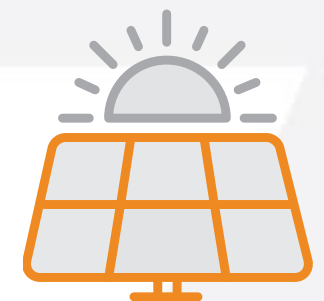
COMPANY PROFILE

Engineering | Procurement | Construction

Achievements



Generated
Energy
+486,000 MWh



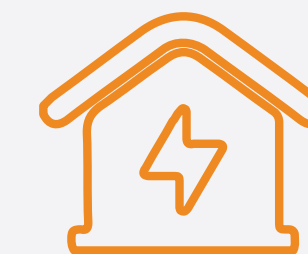
Number of
Projects
75



CO₂
Emissions
Avoided
+340,000 t



Annual Power
Supply
**+160,000 urban
households**



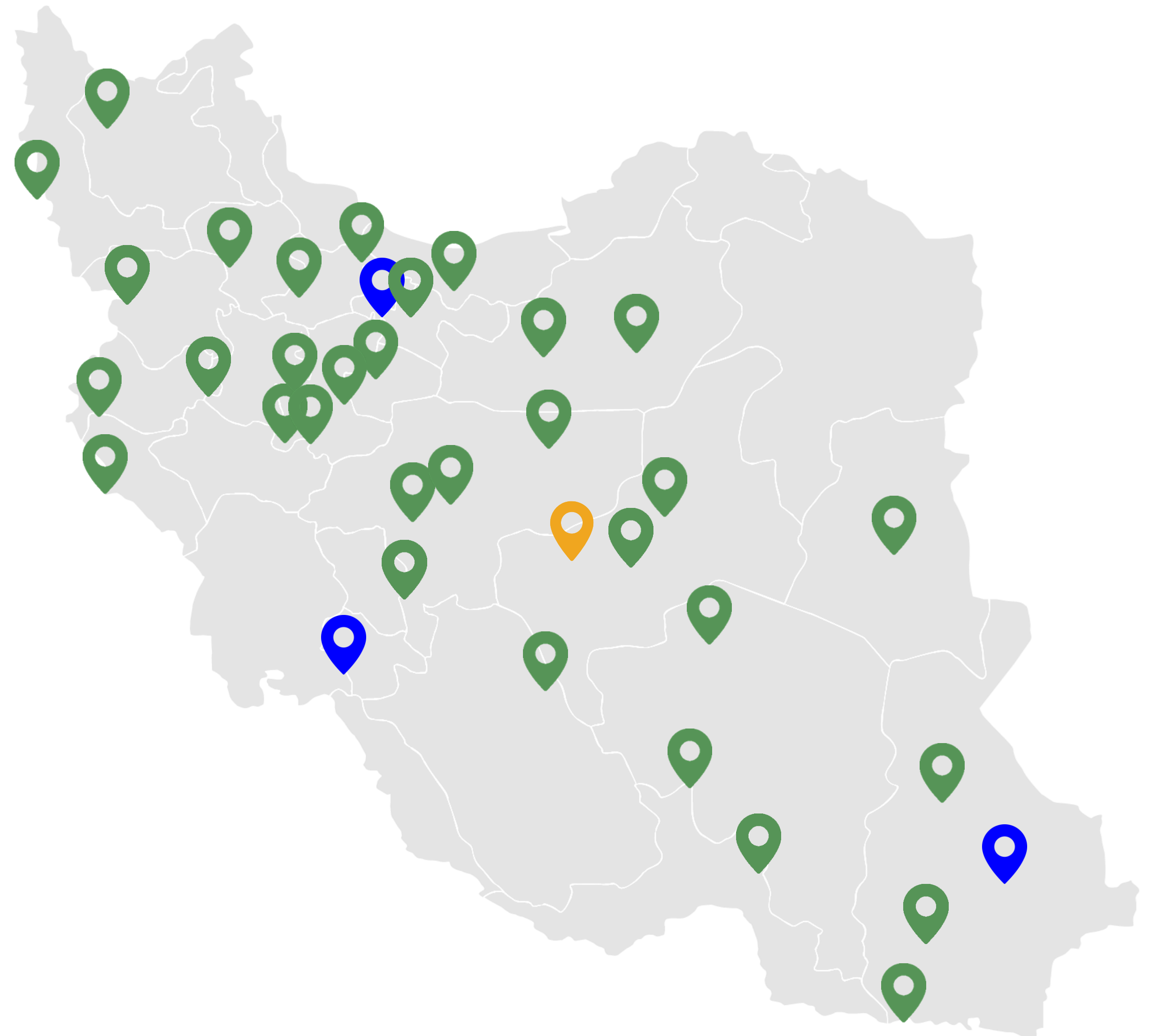
Procurement &
Installation
+600 MW



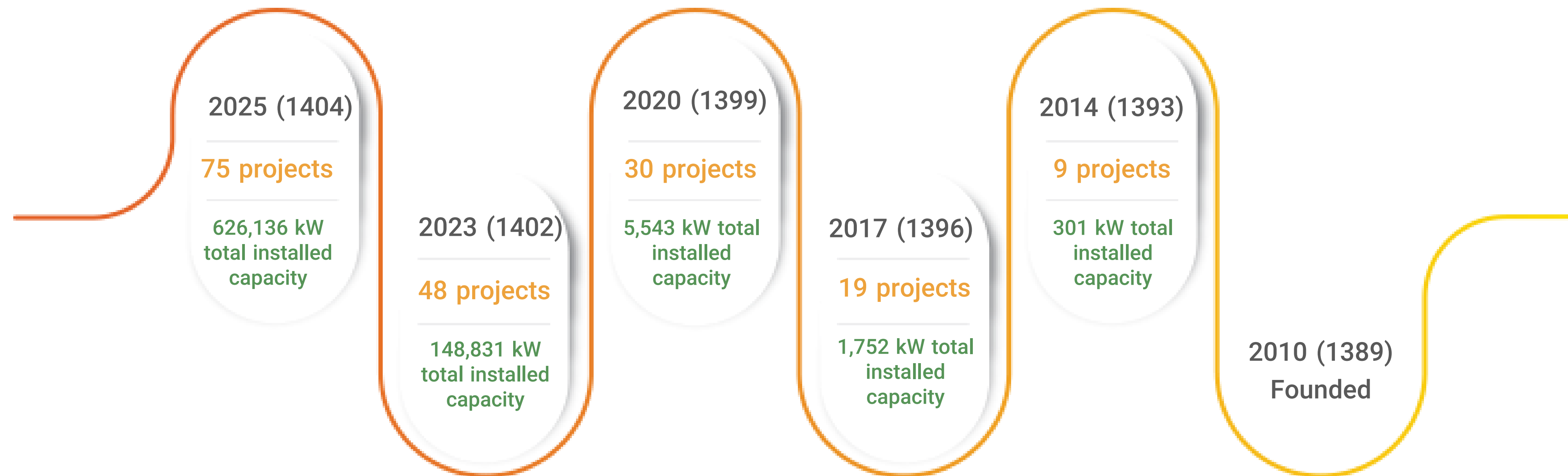
Our Projects

Safaiyeh 20 KW Hybrid System	Villa Dochenaran 21 KW Off-Grid System	Bidboland Refinery 19 Off-Grid Systems, each 11 KW	Mahallat Tamin Energy Mana, 35 MW
Kerman Kerman Battery, 5 MW	Khosf GEP Company , 3 MW	Yazd Sheed Energy Sadid, 3 MW	Mahabad Tamin Energy Mana, 10 MW
Esfandqeh Mafna Company, 10 MW	Isfahan Iran Chemical Industries, 3 MW	Shahrekord Zagros Kosar, 5 MW	Qom Energyhaye Pak Bana, 3 MW
Mahallat Tamin Energy Mana, 10 MW	Supportive Program 8,000 systems × 5 kW	Tamin Energy Mana 1,600 systems × 5 kW	Qazvin Hezardastan, 3 MW

 Hybrid  On-Grid System  Off-Grid System



Company Establishment & Project Milestones



COMPANY PROFILE

Engineering | Procurement | Construction

An aerial photograph showing a large-scale energy project. In the foreground, a solar farm with rows of photovoltaic panels is installed on a flat, arid landscape. In the background, a nuclear power plant is visible, characterized by several large, cylindrical cooling towers and associated industrial structures. The sky is clear and blue, and the overall scene suggests a focus on sustainable energy infrastructure.

OUR Projects

Some of Sheedsun's Projects

Row	Project Capacity	Client	Sheedsun Services	Project Location	Completion Date
1	400 MW	Atavita	Design and Panel, Inverter and Substation Procurement	Jolfa	In Progress
2	15 MW	Sormeh Firooz Abad	EPC	Fars	In Progress
3	9 MW	Saba Paydar	EPC	Absard	In Progress
4	7 MW	Akhavan Jam	Solar Structures	Tehran	In Progress
5	6 MW	Private Sector	EPC	Abadeh	In Progress
6	6 MW	Private Sector	EPC	Natanz	In Progress
7	3 + 3 MW	Hezardastan	EPC	Ghazvin and Hamedan	In Progress
8	2.5 MW	Shisheh Hamedan	Design, Procurement and Supervision of Implementation	Hamedan	In Progress
9	2 MW	K Plus Pars	EPC	Tehran	In Progress
10	500 kW	Damandeh Company	EPC	Tehran	In Progress
11	3 MW	GEP	Procurement, Installation and Commissioning	Khosf	1404
12	8000 of 5 kW Solar Systems	Komiteh Emdad	Procurement	Iran	1403
13	35 MW	Tamin Energy Mana Co	Solar Structures	Mahallat	1403
14	5 MW	Kerman Battery Co	EPC	Bam	1403
15	210 of 5 kW Solar Systems	Tana Energy Co	Panel and Inverter Procurement	Kerman	1403



Some of Sheedsun's Projects

Row	Project Capacity	Client	Sheedsun Services	Project Location	Completion Date
16	1 MW	Kayson INC.	Inverter Procurement	Naein	1403
17	1 MW	Pasargad Electronic Payment	Panel and Inverter Procurement	Kermanshah	1403
18	200 kW	Termeh Company	Installation and Commissioning	Abyek	1402
19	10 MW	Tamin Energy Mana Co	Solar Structures	Mahabad	1402
20	1600 of 5kW Solar Systems	Tamin Energy Mana Co	Solar Structures	Iran	1402
21	630 of 5kW Solar Systems	Tamin Energy Mana Co	solar structure supply and installation and Solar panel installation	Iran	1402
22	1 + 2 MW	Pak Bana Energies Co	Installation and Commissioning	Qom	1396-1402
23	2 MW	Iran Chemical Industries Co	EPC	Isfahan	1402
24	10 MW	Tamin Energy Mana Co	Solar Structure Supply and Installation, and Panel Mounting	Mahallat	1401
25	4 MW	Pak Bana Energies Co	Design and Engineering	Qom	1401
26	2.5 MW	Siman Momtazan Co	Panel Procurement	Kerman	1401
27	10 MW	MAFNA	Panel Procurement	Kerman	1400
28	5 MW	Zagros Kosar Power Plant Production and Management Co	Panel Procurement	Kermanshah	1400
29	3 MW	GRI and Sheedsun Co	EPC, Investment	Yazd	1399
30	21 kW Off-Grid (Zero Energy)	Private Sector	EPC	Tehran	1392



8000 of 5 kW Solar Systems

• Employer	• Komiteh Emdad
• Annual Production	• 73,610 MWh of Energy
• CO ₂ Emission Reduction	• 51,527 tons of CO ₂ per year
• SheedSun Service	• Procurement



Mahallat 35-MW Power Plant

• Employer	• Tamin Energy Mana Co
• Annual Production	• 63,875 MWh of Energy
• CO ₂ Emission Reduction	• 44,713 tons of CO ₂ per year
• SheedSun Service	• Solar Structures Procurement and Installation



Esfandagheh 10-MW Power Plant

• Employer	• Iranian Power Plant Processes Management Company (MAFNA)
• Annual Production	• 19,470 MWh of Energy
• CO ₂ Emission Reduction	• 13,629 tons of CO ₂ per year
• SheedSun Service	• Procurment and Installation of Panels



Mahabad 10-MW Power Plant

• Employer	• Tamin Energy Mana Co
• Annual Production	• 20,234 MWh of Energy
• CO ₂ Emission Reduction	• 14,164 tons of CO ₂ per year
• SheedSun Service	• Structure Procurement



Mahallat 10-MW Power Plant

• Employer	• Tamin Energy Mana Co
• Annual Production	• 20,833 MWh of energy
• CO ₂ Emission Reduction	• 14,583 tons of CO ₂ per year
• SheedSun Service	• Procurement and Installation of Solar Mounting Structures and Panels



Shahrekord 5-MW Power Plant

• Employer	• Zagros Kosar Power Plant Production and Management Company
• Annual Production	• 9,735 MWh of energy
• CO ₂ Emission Reduction	• 6,814 tons of CO ₂ per year
• SheedSun Service	• Panel Procurement



Kerman 5-MW Power Plant

• Employer	• Kerman Battery Co
• Annual Production	• 9,735 MWh of energy
• CO ₂ Emission Reduction	• 6,814 tons of CO ₂ per year
• SheedSun Service	• Structure Procurement, Installation and Commissioning of the power plant

Khosf 3-MW Power Plant

• Employer	• GEP Company
• Annual Production	• 6,527 MWh of energy
• CO ₂ Emission Reduction	• 4,569 tons of CO ₂ per year
• SheedSun Service	• Procurement, Installation, and Commissioning

Ardakan 3-MW Power Plant

• Employer	• Shid Energy Sadid
• Annual Production	• 5,841 MWh of energy
• CO ₂ Emission Reduction	• 4,088 tons of CO ₂ per year
• SheedSun Service	• EPC



Isfahan 3-MW Power Plant

• Employer	• Iran Chemical Industries Investment Company
• Annual Production	• 5,452 MWh of energy
• CO ₂ Emission Reduction	• 3,816 tons of CO ₂ per year
• SheedSun Service	• EPC excluding Panel and Inverter Procurement



Qom 3-MW Power Plant

• Employer	• Pak Bana Energy Co
• Annual Production	• 5,394 MWh of energy
• CO ₂ Emission Reduction	• 3,776 tons of CO ₂ per year
• SheedSun Service	• Electrical design, installation, and commissioning



Tehran 400-kW Power Plant

• Employer	• Damandeh Company
• Annual Production	• 679 MWh of energy
• CO ₂ Emission Reduction	• 475 tons of CO ₂ per year
• SheedSun Service	• EPC



Malard 200-kW Power Plant

• Employer	• Private sector
• Annual Production	• 350 MWh of energy
• CO ₂ Emission Reduction	• 245 tons of CO ₂ per year
• SheedSun Service	• EPC



Safaiyeh Villa 20-kW Hybrid Power Plant

• Employer	• Private sector
• Annual Production	• 39 MWh of energy
• CO ₂ Emission Reduction	• 27 tons of CO ₂ per year
• SheedSun Service	• EPC



Dochenaran 21-kW Off-Grid Power Plant

• Employer	• Private sector
• Annual Production	• 34 MWh of energy
• CO ₂ Emission Reduction	• 23 tons of CO ₂ per year
• SheedSun Service	• EPC



SOLAR ENERGY EXPERTS

Engineering | Procurement | Construction





Head Office:

No. 2, 2nd Floor, Agha Alikhani Alley, South Shiraz Street
Tehran - Iran

Tel: +982188048291

Email: info@sheedsun.com