

Sang Baad Bahman Shargh

Renewable Energy Developer

KS401-12

Central Office Address: No.128, farhang Blv. , Mashhad, Iran

Tell: +98-5136089516

Website: www.sangbaad.ir

E-Mail: info@sangbaad.ir



This company, with its proven engineering ability, was established as an active member of the Rah No Group of Companies with a knowledge-based approach in the field of renewable power plant development in 2016. With the benefit of expert forces in the field of evaluation, construction and operation of these power plants, this group has been able to guarantee the satisfaction of its stakeholders while maintaining the lead and leadership in the market.

Key Advantages

- ✓ Member of Khorasan Razavi Science and Technology Park
- ✓ Has exclusive knowledge in the fields of activity
- ✓ Has a technical and engineering license from the Ministry of Industry of Iran
- ✓ Providing a valid warranty for products and services
- ✓ Providing EPC Turn Key services
- ✓ including design, supply of goods, installation, construction

Scope of Works

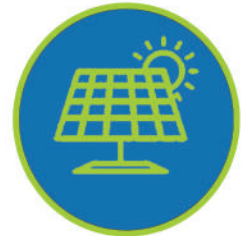
Wind Farm



Small-Scale Hydro power



Solar P.V



Biogas





Consultancy, Design and Management of wind power plant project



Key Advantages

- ✓ Cooperation with a large community of suppliers of goods and services
- ✓ A history of constructive cooperation with internal and external stakeholders
- ✓ Participation in providing project resources (Financing) up to 20%
- ✓ Confirmation from the employer of the largest power plant in the east of the Iran (P.Marvzist)



Installation of 5 kW- off grid wind turbine

Services

- ✓ Comprehensive wind farm analysis using advanced version of windpro software
- ✓ Preparation and adjustment of technical and financial feasibility study
- ✓ Project management
- ✓ Consulting for construction and operation permits
- ✓ Supply
- ✓ Installation of 5 kW wind turbine



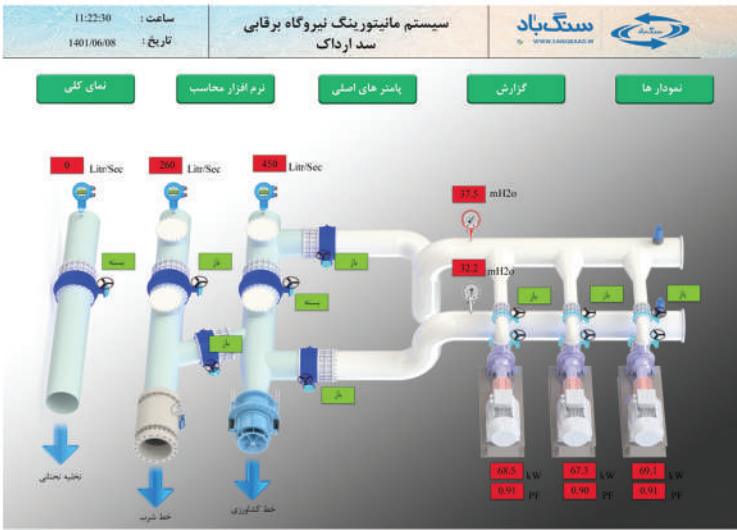
Scope

- ✓ Wind farm up to 50 MW
- ✓ Supply and implementation of small scale wind turbine up to 20 KW capacity

Hydropower Plant



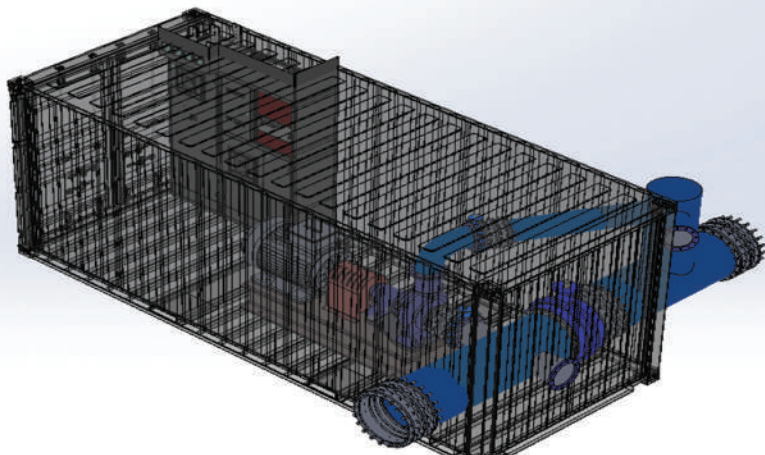
سنگ‌باد
www.sangbaad.ir



Key Advantages

- ✓ Complete mastery of the design process, equipment selection, implementation and operation
- ✓ Reducing the duration of the installation operation to less than 50 days
- ✓ Production of modular power plants with the ability to move
- ✓ Low cost and high economical efficiency by PAT method
- ✓ Low maintenance cost
- ✓ Designing the control and monitoring system of the power plant according to the project specifications

100KW Hydropower plant design *



Services

- ✓ Technical and financial Feasibility Study of power plant construction
- ✓ Design and construction of small scale Hydro-power plant
- ✓ Design and implementation of control and monitoring system
- ✓ Preparation of RFP documents for ordering power plant equipment

Ardak dam power plant with a capacity of 300 kilowatts *



Scope

- ✓ PAT power plant up to 1 MW capacity
- ✓ Off Grid 20 KW capacity (River and Pipeline)
- ✓ Implementation of the power plant replacing the pressure reducing valve of the water transmission lines

Website: www.sangbaad.ir
Email: info@sangbaad.ir

Like Wind In Progress

Solar P.V



سنگ‌باد
www.sangbaad.ir



Services

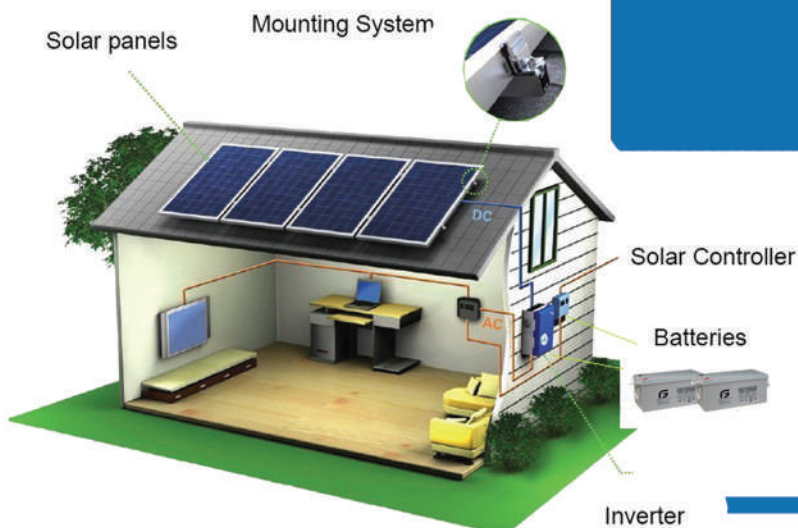
- ✓ Technical and financial Feasibility Study
- ✓ Providing the area needed for the construction of the power plant
- ✓ Consulting for construction and operation permits
- ✓ Simulation of power plant by PVsyst software
- ✓ Troubleshooting of solar power plants

Key Advantages

- ✓ Supply and Implementation services of the
- ✓ power plant with the right time and cost
- ✓ Competent contractor in the Mehrasan system

Scope

- ✓ Solar farm up to 10 megawatts
- ✓ Implementation of off Grid PV system



Offgrid solar system*

Biogas



سنگ‌باد
www.sangbaad.ir



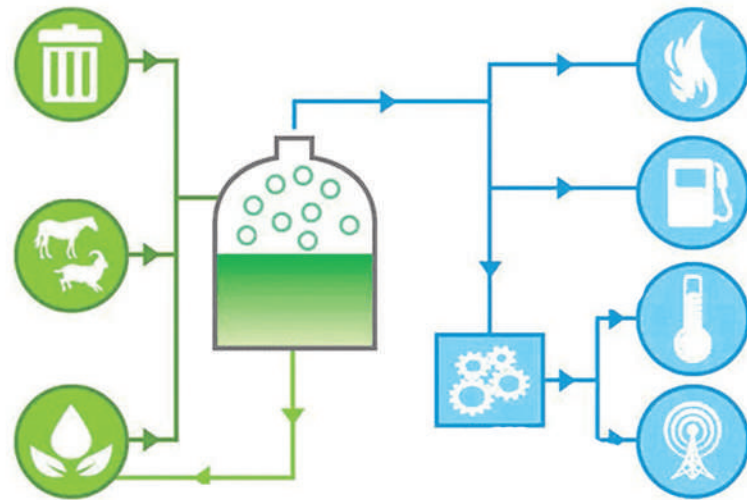
Services

- ✓ Evaluation of the landfill power plant construction
- ✓ Regulating the feasibility Study for power plant construction
- ✓ Preparation of RFP documents
- ✓ Design, supply and complete implementation of the power plant



Key Advantages

- ✓ Exclusive knowledge of power plant design in the field of landfill and Anaerobic digestion
- ✓ Cooperation with competent suppliers and contractors



Scope

- ✓ Construction of biogas power plant for municipal landfills
- ✓ Construction of biogas power plant for large scale industries and animal manure with Anaerobic digestion method

Website: www.sangbaad.ir
Email: info@sangbaad.ir

Like Wind In Progress

Certificate



سنگ‌باد
www.sangbaad.ir

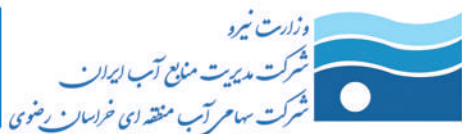


✓ Member of Khorasan Science and Technology Park



✓ Has Certificate from Industry, Mine & Trade Organization of Khorasan Razavi Province

✓ Power Purchase Agreement With Satba government



✓ Has a certificate of good performance from Regional Water Company of Khorasan Razavi

✓ Member of Iran Wind Energy Scientific community



✓ Iso 9001-2015 certified by TUV- International

✓ Iso 14001-2015 certified by TUV-International



✓ Iso 45001-2015 certified by TUV-International

✓ IMS-Management system certified by TUV-International



✓ HSE-MS certified by TUV-International



Capacity	Power plant type	Year	Contract Subject
300KW	Hydropower plant	2020	Development, financing and implementation of Ardak dam power plant
130KW	Hydropower plant	2022	Development, financing and implementation of Torbat Jam power plant
250KW	Hydropower plant	2021	Kabudwal power plant design
660KW	Wind power plant	2019	Design of 20 kW line of 660 kW S47 wind power plant in Khargerd region
1320KW	Wind power plant	2019	Manager Contractor of the 20 kV swithgear of wind farm
50MW	Wind power plant	2019	Designing and optimizing the layout of wind turbines of the 50 MW power plant in Salami Khaf area
50MW	Wind power plant	2019	Taking permits, project management, financing
8MW	Wind power plant	2018	Taking permits, project management, financial resources for 710 kW single unit power plants
10MW	Wind power plant	2019	Plan management and layout design
40KW	Solar P.V	2019	Design and consulting
10KW	Solar P.V	2019	Troubleshooting solar power plants
2MW	Biogas	2022	Design and construction of biogas power plant for municipal landfill in Syria