



**THE SUN'S
ENERGY IS YOURS**
AS WELL

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MORE THAN 7 YEARS OF EXPERIENCE

More than 1600 apartments, private houses, state structures, and business economies receive free electricity and hot water from the sun and save tangible financial means every month due to the successfully installed solar systems by our professional specialists.



SEVERAL STATIONS WE BUILT

- 06 Arevadzor 1 MW
- 08 Norapat CNG station 530 kW
- 10 Ophthalmological Center
after Malayan 145 kW+5kW hybrid
- 11 SOS Children's Village 20 kW
- 12 „Artsap Hndkatsoren" 600kW
- 15 Azatan community 70kW
- 16 Green Lane center
34,5kW + 5kW hybrid
- 17 Ranchpar fish farm 505kW

ABOUT US

We have started making alternative energy available in Armenia and Artsakh and making investments since 2012. Freenergy - free energy: the basis of our company's activity is receiving free energy from the sun.



This way of energy production in contrast to wood, gas, coal or fuel oil is inexhaustible, clean, and doesn't pollute the environment.

Due to the affordable and reliable Solar heating collectors and PV solutions we suggest, you can produce hot water and electricity on your own, and save tangible financial resources.

Being the first, for more than 7 years we have accumulated experience, and have mastered solutions to provide quality service.

The advantage of our Stations is the combination of price, quality, reliability and experience. The 25-year factory warranty speaks about the quality and reliability of both Solar Thermal and Power solutions.

Also about 1600 Solar Stations built by us and operating continuously in Armenia and Artsakh are a serious indicator of quality.

Our years of experience in building Solar Power Stations have been repeatedly praised by various expert structures, and recently won the „International Quality Award 2020“



WHY FREENERGY?

In addition to quality, our advantage is the registered indicators of efficiency and savings, which we achieve during the preliminary stage of the installation of the Solar System, and during the evaluation and design.

- A special project is developed for each client and location. It's based on a preliminary estimate of energy consumption and accurate technical calculations.
- Due to the cooperation with the partner banks, we are able to offer profitable lending and leasing conditions.
- Solar Systems are installed in accordance with international standards and strict adherence to the formed project.
- Consequently, we make it possible to install a solar station with 0% down payment, 8% per annum interest rate and 8 years with a repayment period.
- Our Stations have a 10-year warranty service.
- As a result, your monthly payments are around as much as your usual utility bills.

OUR TEAM AND EXPERIENCE

Hundreds of Solar Stations are currently operating smoothly, thanks to our big team, particularly our highly qualified engineer staff.

Years ago, when Solar Systems were a novelty for the Armenian market and there were no skilled specialists, we trained many of them who have formed our current team today.

- We cooperate with all educational institutions.
- We have established training laboratories for that purpose.
- We have training programs for specialists in the regions of the country. We have close cooperation with Artashat, Sevan, Shushi vocational schools, as well as with the Ijevan State College

Vayots Dzor Region 1260 kW

Gegharkunik Region 190 solar system 2000kW

Tavush Region 635kW

The capital city of Yerevan 585kW

Syunik Region 307kW

Other regions and Artsakh 2115kW

In the last 2 years, the total installed capacity of Solar Stations built by us exceeds 6900 kW.

AREVADZOR 1MW SOLAR STATION

It was built within the framework of the EU eco-tourism development program to make our villages more attractive. The plant will provide enough energy to meet the needs of 500 households



The Station consists of about 4000 panels, the efficiency of the inverters is 98.5%

European-made solar panels and inverters

It was built in compliance with European and international standards



1564000 KW
Power generation

25+
Years of life

450 TONS/YEAR CO₂
Equivalent to 400 trees/year

IN COOPERATION WITH:



FREENERGY
SOLAR STATIONS



NORAPAT CNG FUELING STATION 530 KW

The Solar Plants we have designed and constructed not only in Norapat but also in Gavar, Tsovinar, Tsovaghyugh and in more than 10 gas fueling stations already provide significant savings.



ANNUAL GENERATION OF 822 000 KW OF ENERGY

Consists of 1550 panels

Saves 387 tons/year of CO₂

which is equivalent to 328 trees/year

Thanks to the Solar Power Plant we designed here the gas fueling station saves AMD 34.5 million annually

The financing was provided by Ameriabank leasing.
PV panels: Risen Energy,
Inverter: Growatt



TSOVAGYUGH CNGFS 350 KW

Annual generation of 512,500 kW of energy

Thanks to the Solar Power Plant we designed here the gas station saves AMD 21.53 million annually



TSOVINAR CNGFS 150 KW

Inverter model: GROWATT

Thanks to the Solar Power Plant we designed here the gas station saves AMD 9.4 million annually

SERVICES

We provide comprehensive services for the transition from traditional forms of energy production to clean Solar Energy. As well as we provide energy-saving solutions for commercial and residential use, to increase the efficiency of the fuel consumption and energy resources and complex ecologisation services.



EVALUATION

A detailed study of energy consumption, identification of efficiency, and saving potential



CONSULTING

We provide a free consultation and up to 10 years warranty service



DESIGN

For a specific application, an optimal Solar System and equipment calculation, preparation of documents will be made



GUARANTEE

The components of our Electrical and Thermal Power Plants have a 25-year factory warranty



INSTALLATION

Construction of Power Plants, quality performance of construction and installation works, inspection and operation



LEASING

We also support preferential lending, investment program development and financing.

OPHTHALMOLOGICAL CENTER AFTER S.V. MALAYAN

150 KW SOLAR SYSTEM

The reputable medical institution saves AMD 9,600,000 per year due to this leading step in energy efficiency.



5KW HYBRID
For operating rooms

In case of a power outage,
the energy stored in the batteries
is used



240 000 KW
Energy generation

Solar PV panels: Risen Energy
and Inverters: Growatt



110 TONS/YEAR CO₂
Equivalent to 98 trees/year

Financing on preferential
conditions by the partner bank
of the centre

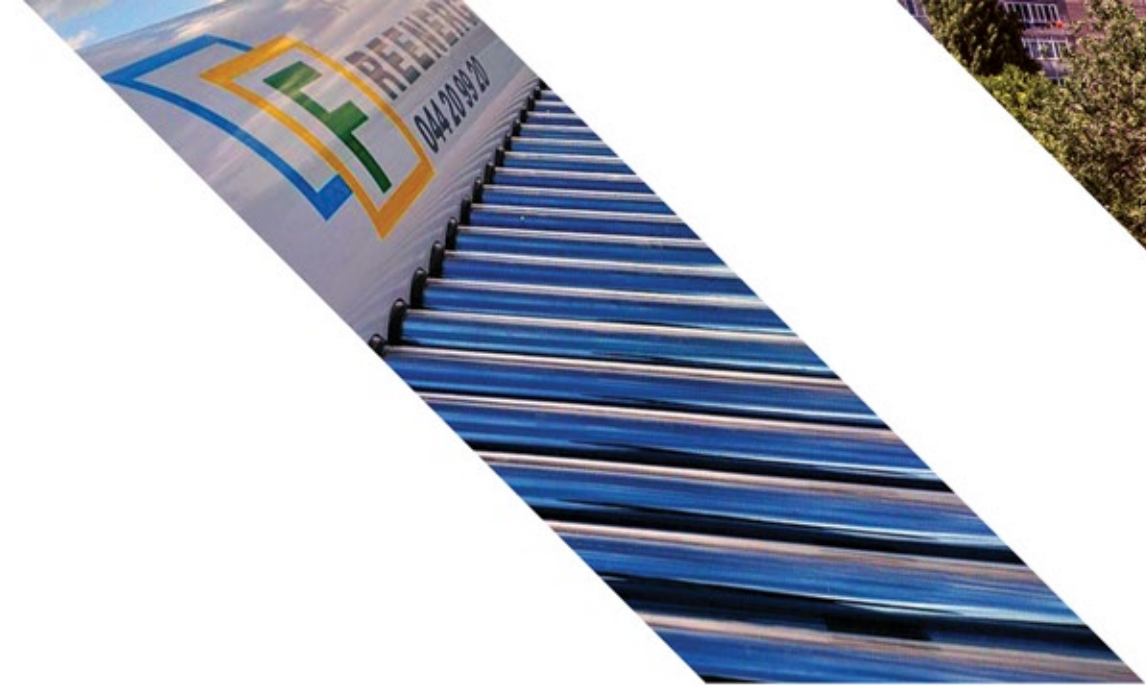


SOS CHILDREN'S VILLAGE 20 KW

Energy generation is 31,200 kW per year. The Solar PV panels are Risen Energy, and the Inverter is Growatt. It saves 15 tons/year of CO₂



There are 12 houses in SOS Children's Village of Kotayk, where children receive care. The boiler house next to the Solar Plant works with the electric boilers we installed and provides the heating of the facility during the winter months. The system has been saving AMD 1.5 million a year for a long time.



"ARTSAP HNDKATSOREN"



600 KW PHOTOVOLTAIC STATION
generates 960,000 kW of energy per year

Solar PV panels: Risen Energy
and Inverter: Growatt

ECONOMY OF 440 TONS/YEAR CO₂
Equivalent to 390 trees/year

Financing on preferential
conditions by the partner bank
of the centre

SEVERAL DOZENS OF GUESTHOUSES

save money and get free hot water and electricity from the Sun
thanks to our Stations

- "Sari Tey" guesthouse in Gyumri
- "Hin Kamurj" and "Gog House" guesthouses in Yeghegnadzor
- "Arevi" Hotel in Yeghegis
- "Ararat", "Arevik", "Noravank" guesthouses in Chiva
- "Ureni" guesthouse in Arpi
- "Kamar" and "Anahit" guesthouses in Ijevan
- "Artsiv", "Nina" guesthouses in Dilijan
- "Araksi apin" guesthouse in Pshatavan
- "Hatsekats" in Oshakan
- "Byurakan" guesthouse
- "Tsaghkunk" guesthouse
- "Iris" guesthouse in Alaverdi
- "Ashot Shalunts" and "Sedai mot" guesthouses in Goris, "Saroi mot" guesthouse in Tatev and in many other spectacular places of Armenia and Artsakh.

FINANCING AND PARTNERS

During these years we have obtained reputable local and international partners, and we are proud of our strong cooperation. Together with the Hayastan All-Armenian Fund, we have installed several dozen Solar Waterheaters in Aknaghbyur, Aygepar, Lusadzor, Khashtarak, and other remote settlements in Armenia.

In cooperation with the Ministry of Environment, we are installing more than 100 Solar Thermal Power Plants in Tsav, Nerkin Handashen and Srashen.

- Our Solar Stations are located on the roofs of Talin, Sarigyugh, Ashotsk and on many other schools.
- Our Solar Power Plants also operate in the Aparan House of Culture, Koghb Art School and other educational institutions.
- You can find the Freenergy Solar Systems on the roofs of Koghbavan pumping station, Aparan Municipality, Noyemberyan Medical Center and on other state and community structures.

Citizens of non-gasified communities of Shirak and Gegharkunik regions can apply for the preferential conditions of ACBA Credit Agricole Bank and install Solar Thermal and Power Plants.

You can also apply to the KFW fund, the Armenian-German fund, through Ameriabank, etc, for financing.

Various Armenian banks also offer favourable leasing terms, with 5-20% down payment, 8.5-13% interest rate, 5-10 years repayment period.

In cooperation with the Armenian banks, we offer preferential financing terms for a specific client and application.

AZATAVAN 70KW SOLAR STATION

It was built as a result of joint cooperation between Eurasia Charity NGO and the Embassy of Japan in the Republic of Armenia, within the framework of the "Grant Assistance for Human Security" program of the Embassy of Japan.



Solar PV panels:
Risen Energy,
Invertors: Growatt

Aims to improve the environmental condition of nearby settlements, as well as the socio-economic situation of the residents of Azatan community



108000 KW
Energy generation



25+
years of life



52 TONS/YEAR CO₂
Equivalent to 47 trees/year



FISH FARM OF THE RANCPAR COMMUNITY 505 KW SOLAR SYSTEM

This large fish farm annually saves about AMD 32,800,000 due to the installed Solar Power Plant



1528 PV PANELS
25+ years of life

The return on investment
is planned
2.5-3 years

810 000 KW
Energy generation

Solar PV panels: Risen Energy,
and Inverters:
Growatt

370 TONS/YEAR CO₂
Equivalent to 328 trees/year

Financing on preferential
conditions by the partner bank
of the client

GREEN LANE 34.5+5 KW HYBRID

Energy generation is 58,500 kW per year. Solar PV panels: Risen Energy, and Inverters: Growatt. 29 tons/year of CO₂ are saved.



Our Solar Power and Thermal Plants provide free lighting, heating and hot water to the organization's organic farming units, fruit dryers, training centre, guesthouse, canteen and other facilities.