

SOME EXECUTED PROJECTS

- ✚ BT / MT network extension and rural electrification works
 - ✚ Supply and installation of traffic lights
 - ✚ Extension and strengthening of the distribution network in ten (10) regional capitals
 - ✚ Supply and installation of 225/90 KV source substations
 - ✚ Connection to the electrical network (low voltage)
 - ✚ Supply of scratch cards for STS Type prepayment meters for the sale of electric energy credits
 - ✚ Supply of Electrical Connection Kits
 - ✚ Reinforcement works of the electrical networks in the localities
 - ✚ Supply and installation of transformers and reinforcement and securing of substations
 - ✚ Solar village electrification project for 26 villages
 - ✚ Supply and Installation of STS type electronic prepayment meters
 - ✚ Development and Integration of Electric Prepayment Management Software
 - ✚ Supply and installation of 20 flexible amperometric probes for electrical network analyzers for the benefit of SBEE
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- ✚ Consultancy services for the supply and installation of a new 40 MVA turbine and transformers
 - ✚ Construction of a new power plant with an initial capacity of 120 MW and composed of diesel generators with a unit size of between 15 and 20 MW and operating on double fuel oil and gas
 - ✚ Construction of an air transport line
 - ✚ Construction of a 400/110/35 kV gas-insulated substation and extension of an existing 400/220/110 kV substation
 - ✚ Study of the development scheme of electrical networks
 - ✚ Technical assistance for the acquisition of equipment and the management of the energy transport project
 - ✚ Consulting services for works control and supervision
 - ✚ Project creation for the implementation of hybrid solar / battery and diesel mini-grids

Solar energy is very beneficial. We give it even more benefits.

ENERGY SYSTEMS

SOLAR ENERGY

RURAL ELECTRIFICATION

WE DELIVER THE NEW GENERATION OF RENEWABLE ENERGY AND RURAL ELECTRIFICATION

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SOLAR ENERGY SOLUTIONS

-  Offered services
-  Implementation of Photovoltaic Solar Plants
-  Supply and Installation of Solar (Material) Kits
-  Solar Energy Development Support Project

Photovoltaic Power Plants

Optimized concepts for each stage of the process : Akasi's solutions for PV power plants are designed to maximize plant performance and provide owners with feedback quick investment and long plant life. Standard concepts optimized for each step of the PV plant process and full capacity in design, engineering and commissioning is what sets Akasi's solution apart from the alternatives.

Development Support Project

- ✚ Site and feasibility screening
- ✚ Resource assessment
- ✚ Plant design and energy estimation
- ✚ Plant infrastructure and balance
- ✚ Support for environmental assessment

Forecast and Integration Grid: Engineering Performance

- ✚ Optimization of factory performance
- ✚ Performance analysis
- ✚ Operational energy assessments
- ✚ Test for energy performance

RURAL ELECTRIFICATION

- ✚ Route study
- ✚ Burial of overhead networks
- ✚ Extension or renewal of underground or overhead networks
- ✚ Creation of connections
- ✚ Work on and off
- ✚ Equipment for transformer stations

Extension of BT & MT electrical networks

Supply and Installation of electrical connection kits

Box

Circuit breaker

Cable

Transformer

Smart meter

Supply of generator

Environment

Livable

Viable

Sustainable

Social

Fair

Economy