

Enjoy future energy !

PROSOL ELEC Project

Grid – connected
solar electric
systems



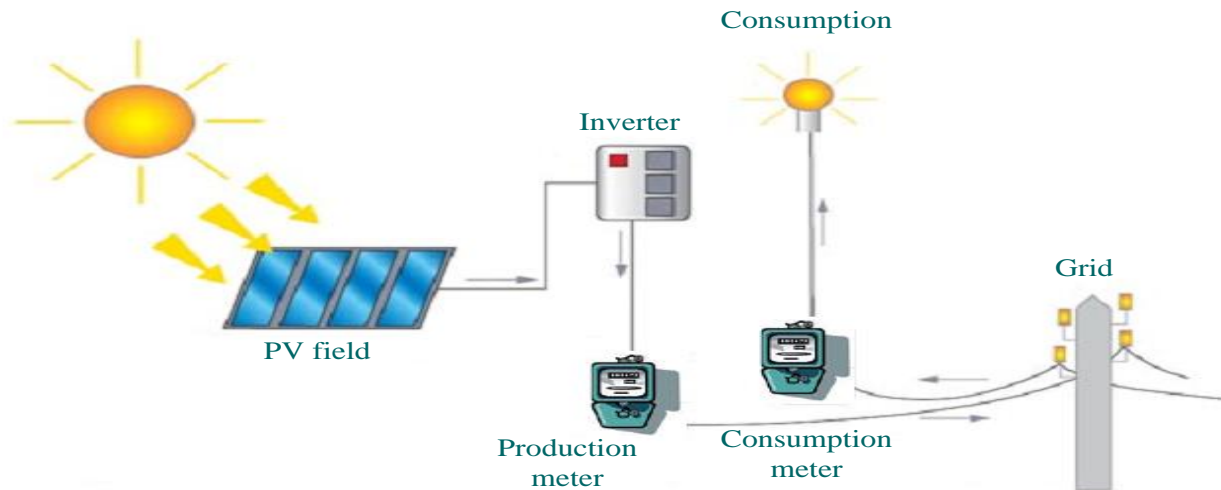
AES



GRID – CONNECTED SOLAR ELECTRIC SYSTEMS

PV system consists of PV modules (groups of PV cells). These generators convert solar energy directly into electricity (DC). One or more inverters convert the direct current produced by the panels to the alternating mains current (220 V; 50 Hz).

Part of the produced energy is consumed by the producer while the rest is injected into the public grid. At night or when there is not enough power produced to supply the household's needs, electricity is drawn from the grid.



Grid – connected solar electric systems

PRESENTATION OF THE PROSOL ELEC PROJECT

For those who wish to invest in a grid – connected solar electric system, the state provides PROSOL ELEC project to expand photovoltaic technology in the residential sector (Solar building).

Advantages

- A subsidy from the National Fund for Energy Conservation (FNME) that represents 30 % of the cost of the investment. The maximum of this incentive is 3 000 dinars per kWp.
- A bonus from the Italian Ministry for Environment and Territory (IMET), through the Mediterranean Renewable Energy Centre (MEDREC). This incentive represents 10 % of the cost of the investment.
- A bank loan over a period of 5 years (it can reach 3 000 DT per kWp) that is repaid through instalments included in the electricity bill. This facility is granted by Ettijari Bank.
- A bonus of all the credit interest rate (5% of the investment cost) served by MIET.

Customers

Any residential customer satisfying the following conditions is eligible for PROSOL ELEC project:

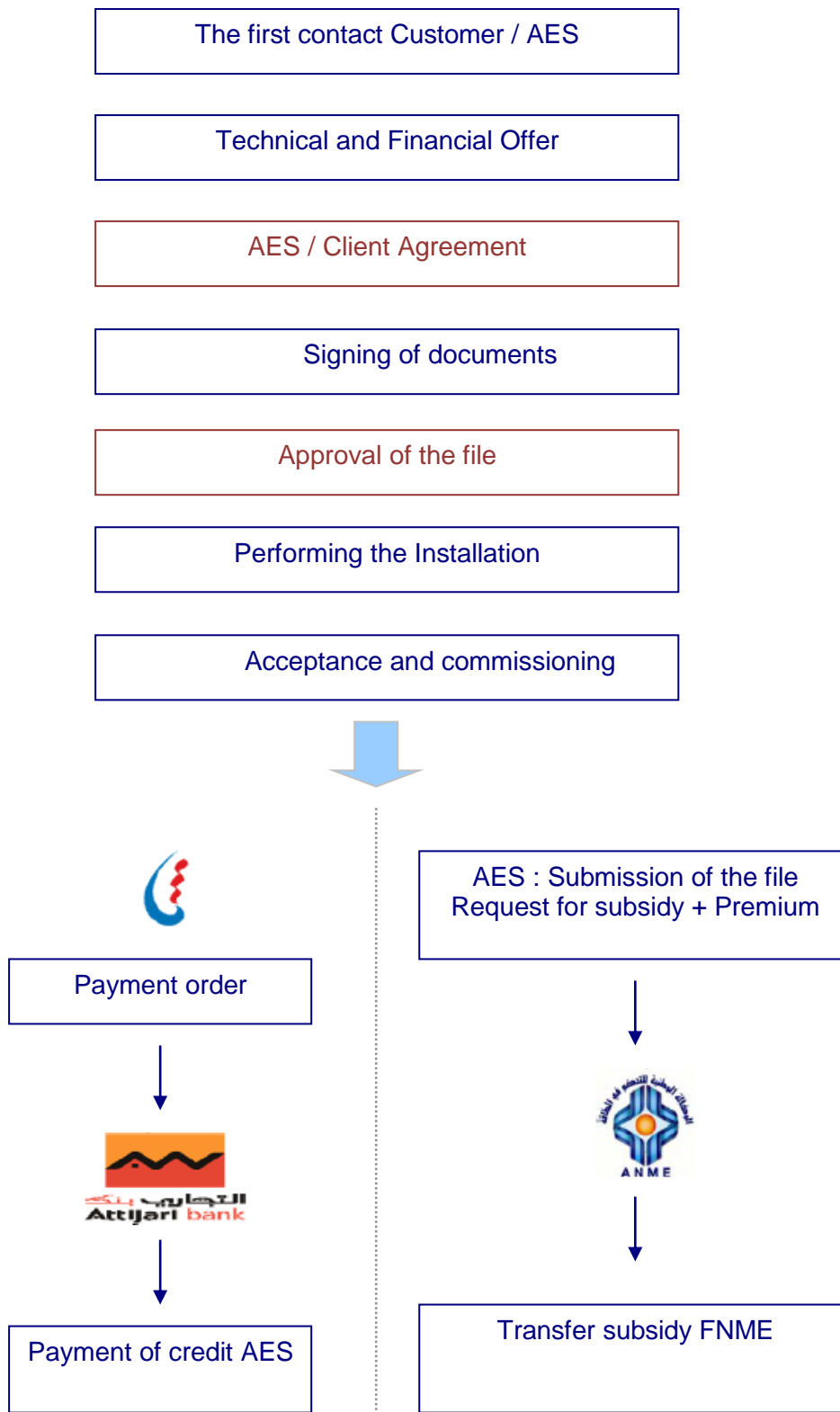
- The photovoltaic power installed is **1 or 2 kW**,
- The customer must be the owner of the dwelling and have a low voltage STEG subscription in his name and validated.
- The customer must have a minimum annual electricity consumption of **2 000 kWh** for solar installations of **1 kW** and **4 000 kWh** for solar **2 kW**.
- The customer must have sufficient space for equipment.

Partners

STEG, ANME, AES (Installer), Customers and ATTIJARI BANK involved in the mechanism of PROSOL ELEC project.

Procedures for acquiring

- 1) The first contact Customer / AES
- 2) Technical and Financial Offer of AES
- 3) Signing of contract documents
- 4) Submission of the file to the district of STEG
- 5) Review of the file by STEG
- 6) Performing the Installation
- 7) Acceptance and commissioning of the installation
- 8) Payment of credit for the benefit of AES
- 9) Payment of FNME subsidy.



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