

Institutional and Practical Challenges to Private Consumers in the Production of Green Energy in Bulgaria

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Current situation of Small Private Consumers- Producers of Green Energy

According to sources:

- SUN
- WIND
- WATER
- BIOMASS
- GEOTHERMAL
- WAVE

According to Bulgarian legislation - for use.

Target:

- For sales
- For one consumption + sale of surplus

According to Bulgarian legislation – Capacity:

- To 30 mWt
- Over 30 mWt

Consumers of Green Energy for heating

Consumers-Producers of Green Energy for electricity

Project 2008

8 PV panels CYOCERA KC 130 GHT
invertor Sunny Boy 1100 LV
total capacity - 1.04 kWp

Time for Installation – 13.03.2008 - 01.12.2009

Steps during the process of installation - 8

Number of the permissions - 14

Solar system price - 7170 EUR

Fees for permissions - 2549 EUR

Project 2012

6 PV modules - IBC MonoSol

Invertor - Sunny Boy SB 1200

total capacity - 1,17 kWp

Time for Installation – 5.12.2012 - 27.01.2014

Steps during the process of installation - 9

Number of the documents - 12

Solar system price - 2500 EUR

Fees for permissions -73,42 EUR

Management

Reporting of energy sold; Monthly; 12 days a year;

**Access of Electricity Producer to Electricity grid.
Monthly; 12 days a year; 15 Euro**

**Participation in the Special Balancing Group
(SPBG) 1-3 days, 15 Euro**

Certification of the solid energy; 1 day, 10 Euro

**In case of violation of any of the above
procedures, the penalty starts at 150 Euro**

Three simple steps we must do to increase the number of Consumers-Producers of Green Energy

- Every Bulgarian family owning a property and a minimum of BGN 5,000 have potential to install a PV system.
- The procedure to installation under the current conditions may be reduced from 3 to 6 months
- Entering policy of Net metering (NEM)

Thank you for your attention!

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