



PV module & inverter questionnaire

In its pursuit to introduce Renewable Energy sources to Oman; The Authority for Electricity Regulation launched its Sahim initiative which set the technical and regulatory framework to allow for households and businesses to install rooftop PV solar systems on their premises and to be compensated for PV electricity exported via the Bulk Supply Tariff. The Sahim initiative was structured in two phases:

Sahim I which has already commenced in May 2017 allows large households and business to install small grid connected PV systems **at their own cost** to be compensated for any exported electricity via the Bulk Supply Tariff.

Sahim II aims to drive large scale deployment of small grid connected PV systems (3-5 kWp) for around 10-30% of residential premises in Oman. Unlike Sahim I, the costs of procuring, installing and operating PV systems will not be met by the customers, instead private developers will enter into competition to build, own and operate PV systems at residential premises designated by the Authority.

The Authority is currently undergoing pre-development work prior to launch of its Sahim II initiative and is looking to evaluate available PV technologies to be utilized to achieve our requirements taking into account any trade-off between risk mitigation / reduced costs of operation / higher generation. The purpose of the following questionnaire is to evaluate whether your respective products fulfill the operational requirements under Sultanate of Oman specific environmental conditions.

It is therefore necessary to comprehensively understand your products on a technical basis and get an overview of all available product certifications and quality related measures. To take part in the Sahim II questionnaire, please fill out the relevant questionnaire and submit the form to **sahim@aer-oman.org**.

Manufacturers will be required to fill out each and every listed category, if the answer is not known or unclear, please mark it as such. Documents would be required as proof of your stated technical figures and values where requested with any additional documents and papers where necessary (datasheets, certificates, test reports, QM-manuals, etc.). Each of your given and verified answers will be evaluated against a fixed rating and scoring table. Answers without any proof of data or document will be regarded as not fulfilled. All evaluated products will enter a ranking table from which the products with the highest scores will be selected in the list of appropriate technology to be utilized.

The Authority would highly appreciate your cooperation and looks forward to your responses. For any further information visit the Authority's website at: www.aer-oman.org