

DGS SolarSchule Thüringen

SOLAR (EXPERT) CONSULTANT PHOTOVOLTAICS

Why further educate yourself in the area of photovoltaics?

Solar energy is becoming increasingly popular. The rapid market growth of photovoltaics (PV) has exceeded all expectations. The innovative technology opens up new markets and opportunities in several fields.

The development and expansion of PV require consultants in the field to have well-founded knowledge and skills pertaining to the suitable application and use of photovoltaic systems. The professional team at DGS provides the necessary basic knowledge in its seminar DGS Solar (Expert) Consultant PV; from customer advisory services to layout design, installation, operation and maintenance of grid-connected photovoltaic systems. Hands-on experience with new solar cell modules, system technology and a PV exercise unit facilitate the understanding of solar electricity generation. All of the lecturers work in the field and are able to convey the subject matter well.

The further education course is targeted at

Heating contractors and electricians
Energy consultants
Civil engineers and architects
Roofers and chimney sweepers
Marketing and administration personnel in PV firms
All those interested in photovoltaics or who would like to install a system by themselves

SEMINAR CONTENT SOLAR (EXPERT) CONSULTANT PV

Basics

Solar radiation, electro technical basics
Solar cell and module technology
Correlations and operation of a PV system
Inverter module technology

Planning and design of grid-connected PV systems

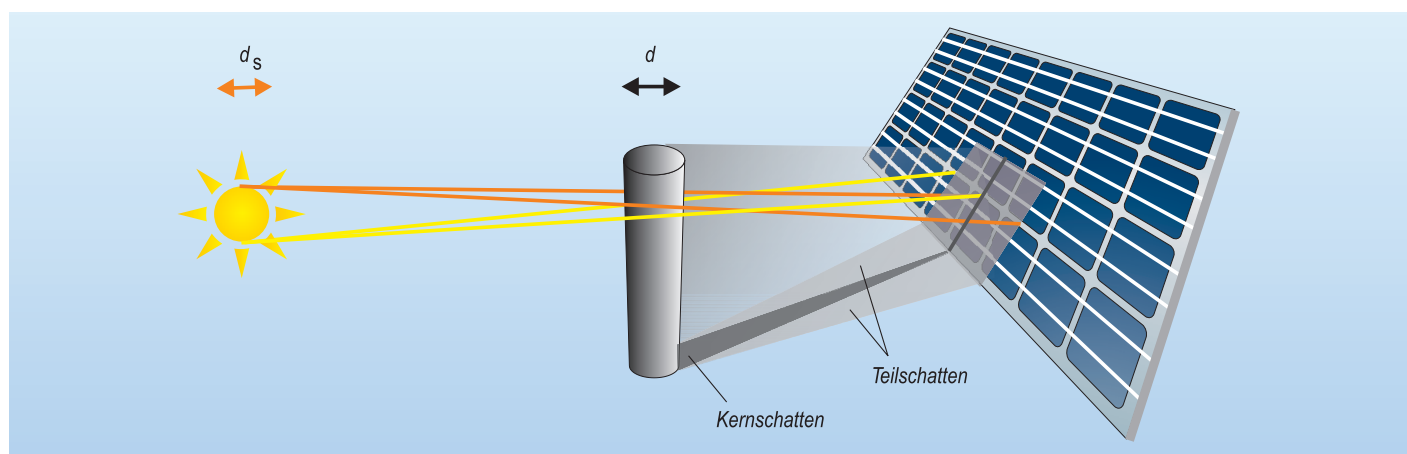
Basics of layout design and sizing
Practice-oriented system design
Calculation examples for system sizing
Overview of computer-aided system sizing

Assembly, installation and operation

Installation
Start-up and operation
Practical exercises
Assembly on mock-up roofs
Inspection of examples in the field

Marketing, consultation, subsidies

Customer consultation, sales arguments, environmental aspects, image work
Subsidy opportunities
Cost-effectiveness and ecological evaluation (grid-connected systems)
Legal framework and regulations



COMMENTS FROM FORMER PARTICIPANTS

"Lecturers from the field"
"Good overview of the entire photovoltaic spectrum"
"The seminar was practically-oriented and therefore offered a very good introduction to photovoltaics"

SEMINAR: SOLAR (EXPERT) CONSULTANT PHOTOVOLTAICS

Duration: 4 days (32 academic hours)
Location: Weimar on site
Schedule: www.dgs-thueringen.de
Certification: Solar consultant or solar expert consultant

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COURSE INFORMATION

The SolarSchool courses have been developed and offered in Germany since 1996. Today the successful training concept is also being transferred to other countries. In 2004 one SolarSchool was opened in Taiwan, in 2007 in Macedonia and in 2009 one school per country in Ethiopia, Laos and Cambodia. There are now plans to open SolarSchools in Latin America.

Duration of the course: four days (32 academic hours)

Number of participants per course: 12–20

Each participant receives a certificate of participation at the end of the course. In addition, the participants may choose to take an exam for qualification as a solar consultant or solar expert consultant (accredited certifications), depending on previous experience and exam results.

Course textbooks: The DGS Photovoltaic Guidebook “Planning and Installing Photovoltaic Systems”, was developed by DGS experts and is regularly revised to reflect the current technology and market developments.

Location: The course is mainly carried out on site.

Course fee: 545,- EUR Special conditions may apply for groups.

Course text books: 109,- EUR (DGS PV guidebook)

Exam fee: 59,- EUR

The current schedule is available online under:
www.dgs-thueringen.de.

Further dates and times can be arranged upon request.



CONTACT

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