

DGS SOLAR POWER CONSULTANT

What is the educational objective of this course?

DGS Solar Power Consultants are able to professionally advise clients. They can select the best solar power systems for the respective clients and calculate its profitability.

The development and expansion of photovoltaic (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 maxx-solar academy provides the necessary basic knowledge in its seminar DGS Solar Power Consultant; from customer advisory services to layout design, installation, covers and maintenance of grid-connected photovoltaic systems. Hands-on experience with new solar cell modules, course system technology and a PV exercise unit facilitate the understanding of solar electricity generation.

The maxx- solar academy lectures are engineers working in the field with vast experience in lecturing for the German Solar Energy Society DGS e.V and the German TUV.

The further training 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

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Basics

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

Planning and design of grid-connected PV systems

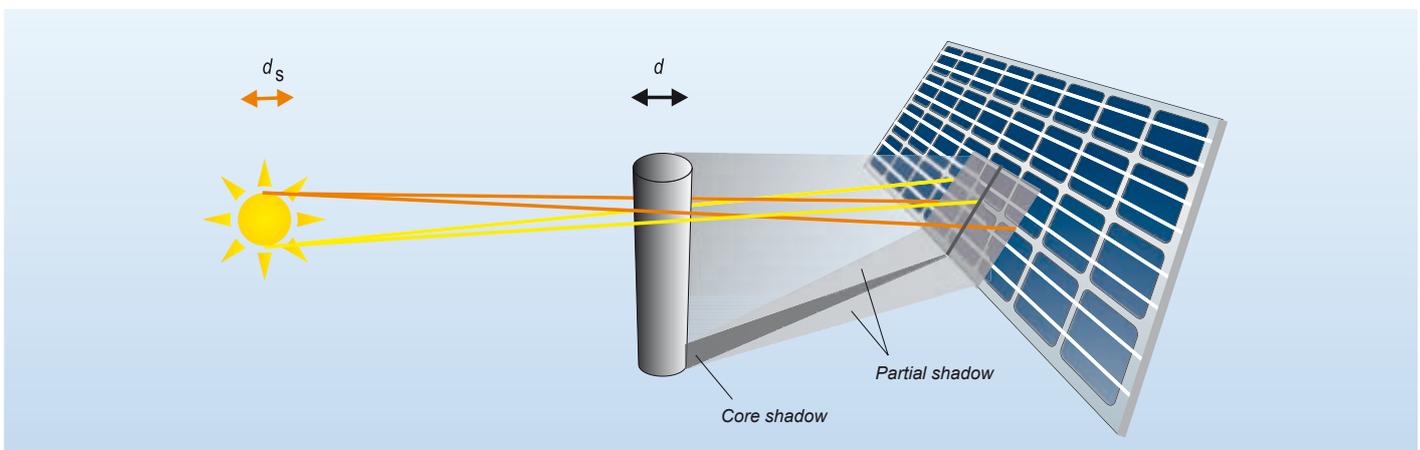
- Basics of layout design and sizing
- Practice-oriented system design
- Calculation examples for system sizing
- Overview of computer-aided system sizing

Basics of installation

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

Marketing

- Customer consultation, sales arguments, environmental aspects, marketing
- Cost-effectiveness and ecological evaluation
- Legal conditions and subvention opportunities in South Africa



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: DGS SOLAR POWER CONSULTANT

Duration: 3 Days (24 Education Units)

Location: Cape Town, Johannesburg and on demand

Schedule: www.maxx-energy.co.za

COURSE INFORMATION

The maxx-solar academy starts with 4 training courses, presented by experienced solar power professionals and field experts from Germany and South Africa. The training programmes are interactive and include panel discussions, as well as a variety of hands-on training materials, such as roof model for demonstration of the PV module installation, PV experiment kits and calculation tools, to enhance the understanding of solar power.

Training programme general information

Each participant receives a certificate of participation upon successful completion of a course. An optional exam may be taken to be qualified as either a DGS solar power technician, an expert consultant or a solar expert designer.

Location: Primary locations for courses are in Johannesburg and Cape Town. Training courses can alternatively be presented at the premises of companies and institutions upon special request.

Dates: The current schedule is available online at: www.maxx-energy.co.za

Fee: R4,500 per person

Sponsored participation: Participants can apply for free participation. Please send a motivation letter and your CV to info@maxx-energy.co.za to qualify for free participation.



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