برنامج الطاقة الشمسية الكهروضوئية المتقدمة المرتبطة بالشبكة وتقنيات تخزين الطاقة

اغتناء
Eغtinaa
غنيٌ معرفيٌ ومهاري للمستقبل

Advanced Grid-Tied
SOLAR PV AND
Energy Storage Technologies

KFU
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Advanced Grid-Tied

SOLAR PV AND

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About the Program:

The aim of the program is to provide attendees with the understanding and tools to design grid- interconnected (including hybrid configurations with backup power) PV systems within the Saudi Arabia solar resource, technical and legislative contexts. The underlying design criteria will be to optimize the energy yield versus lifecycle costs of the PV system within the given resource, technical and legislative constraints, i.e. the optimizing the financial viability of the system. This program will cast a renewable energy sector, vision-2030 for those seeking to become entrepreneurs in the renewable energy industry in Saudi Arabia, enabling them to better understand technical, contemporary issues in the market and design their innovative PV systems, business to maximize adoption of their innovative solutions.

Program courses: six courses:

-PV FUNDAMENTALS
-PV SYSTEM STRUCTURE AND MAJOR COMPONENTS
- PV SYSTEM DESIGN
- TECHNICAL STANDARDS OF THE INTEGRATION OF SOLAR PV WITH DISTRIBUTION NETWORKS
- PV SYSTEM ECONOMY AND ECOLOGY
- PV SYSTEM MARKETING (Global, GCC and KSA)
- At the end of the program, each trainee should submit a project related to the real world and its applications. Free PV system design software will be provided and trained on to use in projects.

Target of the program:

- Engineers
- Technologists and technicians involved in the marketing, design & implementation of grid-tied PV systems.

Duration of the Program: 6 Weeks

Language of Program: English

Fee: 899

Date of Registration: Now

Date of Starting: 3 October

Partners: برنامج تطوير الصناعة الوطنية والخدمات اللوجستية