Renewable Energy in Grid -Mainly on Photovoltaic-
再生可能エネルギー導入計画 -太陽光発電を例として-

Continuing

Target Countries : All countries

Course No. : (A)J1804017/(B)J1804016 **No. :** (A)1884603/(B)1884872

Sector : Natural Resources and Energy/Renewable Energy

Sub-Sector :

Language : (A)English/(B)English

Outline

This training course places an emphasis on Photovoltaic (PV) to learn renewable energy. Since PV generation system/technology is relatively simple to handle, PV is widely prevailing. On the other hand, problems related to inadequate installment, maintenance and management are increasing. This program aims at learning necessary technologies, policies to adequately introduce, promote, maintain and manage PV generation.

Objective/Outcome

【Objective】
Participants will be able to understand the theory and practice of photovoltaic generation and apply them to operations for the introduction, promotion, maintenance and management of PV generation systems.

【Outcome】
1. To be able to explain basics of PV generation technology

2. To be able to explain grid system technology

3. To be able to explain policy and operation of renewable energy, especially photovoltaic generation

4. To be able to make action plan and improve skills of policy planning

Target Organization / Group

【Target Organization】
Central/Local governmental organization of energy development, Electric power generation public corporation.

【Target Group】
Person in charge of PV generation projects

Person in charge of policies for renewable energy and have more than 2 years of experiences. Intend to work in the same organization continuously after finishing the training.

Contents

1. Demand and issues related to renewable energy, assessment strategy of related equipment (lifecycle cost, assessment, etc)

2. On-grid theory, case study and practical training (practices for power system, outlines and practices of grid-interconnection code, new electric power network, smart community concept, etc.)

3. Method of development (cost down, policy making, introduction for usage, example of off-grid), economic efficiency of project, system for introduction of renewable energy and relationship between government and local municipality

4. Guidance for making action plan, presentation

Course Period	(A)2018/6/25～2018/8/4 (B)2019/3/4～2019/4/20
Department in Charge	Industrial Development and Public Policy Department
JICA Center	(A)JICA Kyushu (B)JICA Kyushu
Cooperation Period	2016～2018
Implementing Partner	(A)Kitakyushu International Techno-cooperative Association (KITA)/(B)Kitakyushu International Techno-cooperative Association (KITA)
Remarks and Website	