

Target Countries :Countries planning or operating electric system 33kV and over

Course No. :J1804151

No. :1884593

Sector :Natural Resources and Energy/Energy Supply

Sub-Sector :

Language :English

Outline

Construction of highly reliable transmission network and sophistication of system operation capability is indispensable for stable power supply, and Japan has realized the world's top level stable supply. This training aims at transferring system planning / operation technology / know-how to engineers who are responsible for system planning, construction, operation and maintenance. This course aims to develop a synergistic effect with JICA's financial cooperation project.

| Objective/Outcome | Target Organization / Group | |
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| <p>【Objective】 Participants can formulate a draft action plan for planning, designing, constructing, operating and maintaining the electric power system based on the characteristics and issues of each country.</p> <p>【Outcome】 1.To be able to find out and explain problems and their causes related to their own electric power system. 2.To understand electric power system plan for economically forming an electric power system with high reliability and low loss. 3.To understand design and construction technology for economically forming an electric power system with high reliability and low loss. 4.To understand operation technology for maintaining high reliability and economic efficiency of the electric power system, and explain the differences from the situation of the home country. 5.To understand the maintenance technology that contribute to the healthy operation of the electric power system for efficient and stable power supply, and explain the differences from the situation of the home country. 6.To make a draft action plan for planning, designing, construction, operation and maintenance of domestic electric power system based on knowledge acquired through this training course.</p> | <p>【Target Organization】 Organizations in charge of electric power system.</p> <p>【Target Group】 1. Electric power engineers planning or operating electric system 33 kV and over with 5 years' experience 2. University graduates or equivalent, 30 to 50 years old and be proficient in spoken and written English Remarks:Counterparts of Japan's bilateral cooperation program are highly prioritized.</p> | |
| <p>Contents</p> <p>1. Making Country Report, presentation and discussion with experts. 2. Lecture(Power industry, power system in Japan, TQM activity in Japan, Formulation of power system plan/construction/operation/maintenance, etc.) 3. Site visit(power station, regional system control center, automatic distribution system, substation, transmission line tower, central load dispatching center, manufacturing factory of power system equipment, etc.) 4. Making a draft action plan, presentation and discussion with experts.</p> | <p>Course Period</p> | <p>2018/9/27~2018/10/26</p> |
| | <p>Department in Charge</p> | <p>Industrial Development and Public Policy Department</p> |
| | <p>JICA Center</p> | <p>JICA Tokyo (Industry&Public)</p> |
| | <p>Cooperation Period</p> | <p>2018~2020</p> |
| <p>Implementing Partner</p> | <p>Under Planning</p> | |
| <p>Remarks and Website</p> | | |