

Target Countries : Countries to introduce advanced technology of coal-fired power generation.

Course No. : (A) J1704154/(B) J1704155

No. : (A) 1784586/(B) 1784587

Sector : Natural Resources and Energy/Energy Supply

Sub-Sector :

Language : (A) English/(B) English

Outline

The course introduces Japanese advanced technology of high efficiency thermal power generation, such as ultra supercritical coal-fired power generation(USC) technology, gas turbine combined cycle power generation(GTCC) or Integrated Gasification Combined Cycle(IGCC) Technology. It also focuses on the environmental measures. Participants will be advised on how they can promote those technology in their countries.

Objective/Outcome	Target Organization / Group
<p>【Objective】 The participants understand Japanese advanced technology of high efficiency thermal power generation, such as USC, GTCC or IGCC Technology. They will be able to plan to promote those technology in their countries.</p> <p>【Outcome】 1. To understand technology of USC, GTCC and IGCC 2. To understand the facilities for high efficiency thermal power generation and environmental measures 3. To understand the necessary skill and cost on the installation, operation and maintenance of those high efficiency thermal plant. 4. To formulate action plan by applying knowledge gained by the training course.</p>	<p>【Target Organization】 Governmental ministries/agencies in charge of power and energy policy planning and implementation or generation development.</p> <p>【Target Group】 Managerial official or equivalent. Bachelor or equivalent. Fluent in English.</p>

Contents	
1. Job report presentation 2. Lectures & site visits: high efficient coal and gas fired thermal power generation, IGCC technology 3. Lectures & site visits: manufacturer of high efficiency gas turbine and gas boiler • Lectures on installation, operation and maintenance 4. Status of energy sector in participants' countries and problems for coal fired thermal power generation and high efficient standardization. 5. Group discussions 6. Preparation and presentation of action plan	<p>Course Period (A) 2017/08/20~2017/09/09 (B) 2018/01/28~2018/02/17</p> <p>Department in Charge Industrial Development and Public Policy Department</p>
	<p>JICA Center (A) JICA Kyushu/(B) JICA Kyushu</p>
	<p>Cooperation Period 2015~2017</p>

Implementing Partner (A) Kitakyushu Int'l Techno-cooperative Association/(B) Kitakyushu Int'l Techno-cooperative Association

Remarks and Website