Objective/Outcome

1. Based on the knowledge acquired by the participants, they prepare an action plan for solving the issues their countries have struggled with related to hydropower development, and discuss about their plan after returning home countries.
2. Participants can create and explain a feasible action plan reflecting the content of the program and considering the perspective of human resources, funds, technical capabilities, etc.
3. Policies and plans that contribute to the promotion of hydropower development based on the above mentioned action plan will be reviewed in developing countries.

Outcome

1. To recognize the issues related to hydropower development in the home country / organization.
2. To understand about hydropower development procedures, and consider these applicability to the home country.
3. To understand differences of required hydropower development technology (planning, design, financial analysis, O&M, etc.) between the home country and Japan.
4. Participants make an action plan on dissemination activities of skills and knowledge gained from the training program in Japan.

Target Organization

The government agencies or electric power utilities which are responsible for hydropower development

Target Group

1. Be responsible for hydropower development and those currently posted to the managerial position in the government agencies or electric power utilities. 
2. Have a minimum of 5 years practical experience in the field of hydropower development.
3. Be a graduate of university and be proficient in spoken and written English. Preferable to mechanical, electrical and civil engineering majors.

Contents

1. Preparation of Job and Country reports by the end of preparatory phase
2. Presentation of Job Report
3. Outline of Electric Power Industry in Japan
4. Execution procedure of hydropower development in Japan
5. Environmental impact assessment of hydropower projects
6. Global warming measures (CDM) and environmental problems of hydropower projects
7. Development of hydropower projects with ODA
8. Hydropower projects by IPP
9. Decision software for electric power development plan
10. Design and construction of hydro-PP
11. Optimum Operation Planning for Dam Control
12. Economic evaluation, dam cost allocation and redevelopment of hydro-PP
13. Operation and maintenance of hydroelectric power plant
14. Tours of hydro-PP etc.
15. Drawing up an action plan
16. Discussion about an action plan between participants and experts
17. Action plan presentation
18. Sharing training outcomes, such as an action plan, in participant’s organizations
19. Discussion and Promotion of an action plan in participant’s countries/organizations
20. Examples of solution to a problem & lessons learned of the past of hydro-PP in Japan