

Abstract

Environmental Protection in Hydropower Planning and Hydroelectric Project Designing of China

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Abstract : The authors briefly review the achievements of environmental protection in hydropower developments of China, expatiate on the instructional ideas and the basic principles for environmental protection in hydropower planning and hydroelectric project designing, the mitigation measures for the adverse environmental effects caused by hydropower developments, and enumerate some relevant project examples. Many project experiences indicate that, persisting in the sustainable developing way in exploiting water power resources and reducing adverse effects to the maximal extend or eliminating them, will provide continual clean energy supplies for the development of Chinese national economy and society and for the progress of the whole human society.

Keywords : Hydropower Planning, Hydroelectric Project Designing, Ecological Environment, Environmental Protection