

INTERNATIONAL ENERGY AGENCY
IMPLEMENTING AGREEMENT FOR
HYDROPOWER TECHNOLOGIES
AND PROGRAMMES

ANNEX III

**HYDROPOWER AND
THE ENVIRONMENT:**

**PRESENT CONTEXT
AND GUIDELINES
FOR FUTURE ACTION**

Subtask 5
Report

VOLUME II:
Main Report

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**Hydropower Upgrading Task Force
(Annex 1)**

Guidelines on Methodology for Hydroelectric Turbine Upgrading by Runner Replacement – 1998 (available to non-participants at a cost of U.S. \$1,000 per copy)

Guidelines on Methodology for the Upgrading of Hydroelectric Generators – to be completed in May 2000

Guidelines on Methodology for the Upgrading of Hydropower Control Systems – to be completed in 2000

**Small-scale Hydropower Task Force
(Annex 2)**

Small-scale Hydro Assessment Methodologies – to be completed in May 2000 (available to non-participants on request)

Research and Development Priorities for Small-scale Hydro Projects – to be completed in May 2000 (available to non-participants on request)

Financing Options for Small-scale Hydro Projects – to be completed in May 2000 (available to non-participants on request)

Global database on small hydro sites available on the Internet at: www.small-hydro.com

**Environment Task Force
(Annex 3)**

Survey on Positive and Negative Environmental and Social Impacts and the Effects of Mitigation Measures on Hydropower Development – 2000 (available to non-participants on request)

A Comparison of the Environmental Impacts of Hydropower with those of Other Generation Technologies – 2000 (available to non-participants on request)

Legal Frameworks, Licensing Procedures, and Guidelines for Environmental Impact Assessments of Hydropower Developments – 2000 (available to non-participants on request)

Hydropower and the Environment: Present Context and Guidelines for Future Action

Volume 1: Summary and Recommendations
Volume 2: Main Report
Volume 3: Appendices
– 2000 (available to non-participants on request)

Hydropower and the Environment: Effectiveness of Mitigation Measures – 2000 (available to non-participants on request)

**Education and Training Task Force
(Annex 5)**

All of the following reports are available on the Internet at www.annexv.iea.org (some reports may consist of more than one volume)

Summary of Results of the Survey of Current Education and Training Practices in Operation and Maintenance – 1998 (available to non-participants on request)

Development of Recommendations and Methods for Education and Training in Hydropower Operation and Maintenance – 2000 (available to non-participants on request)

Survey of Current Education and Training Practice in Hydropower Planning – 1998 (available to non-participants on request)

Structuring of Education and Training Programmes in Hydropower Planning, and Recommendations on Teaching Material and Reference Literature - 2000 (available to non-participants on request)

Guidelines for Creation of Digital Lectures – 2000 (available to non-participants on request)

Evaluation of Tests – Internet-based Distance Learning – 2000 (available to non-participants on request)

Brochure

A brochure is available for the general public. Entitled “Hydropower – a Key to Prosperity in the Growing World”, it can be found on the Internet (www.usbr.gov/power/data/data.htm) or be obtained from the Secretary. (address on the inside back cover)

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The views presented in this report do not necessarily represent the views of the International Energy Agency, nor the governments represented therein.