

Renewable Energy Data Book

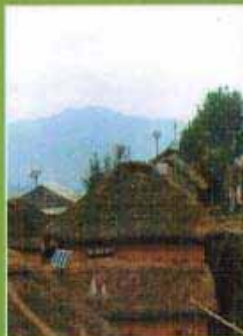
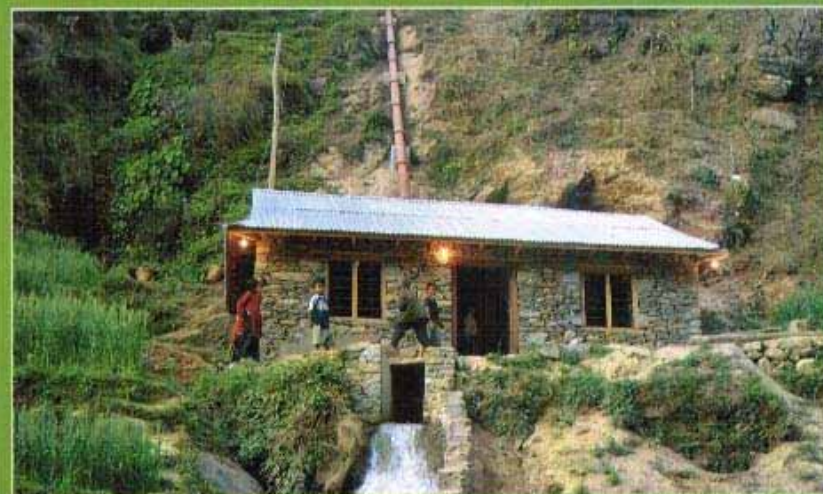
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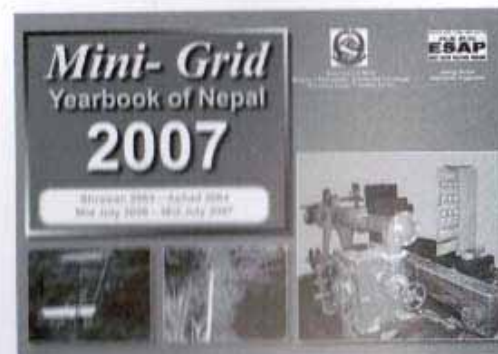
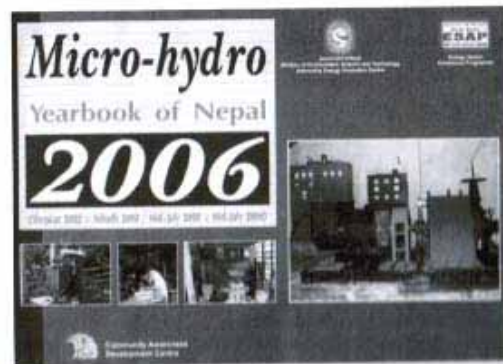
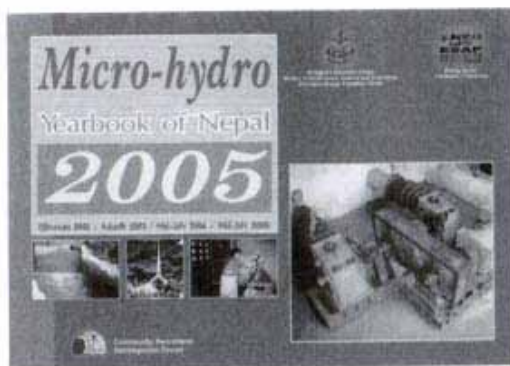
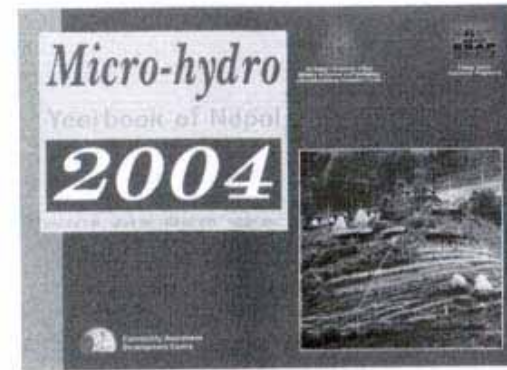
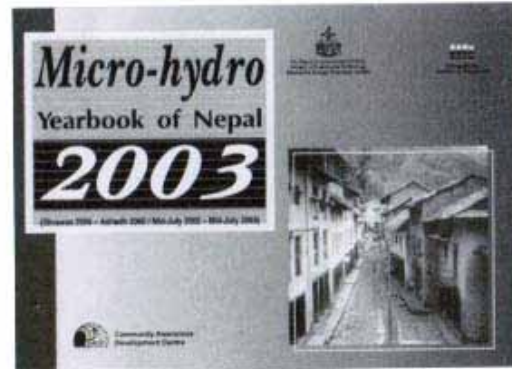
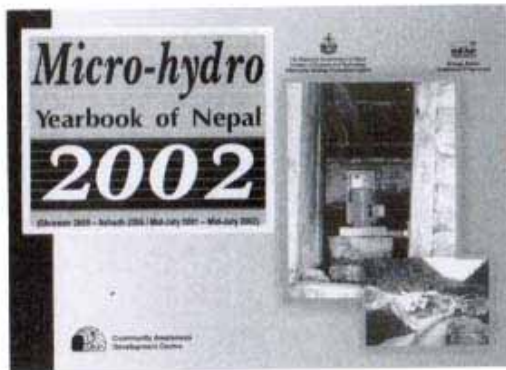
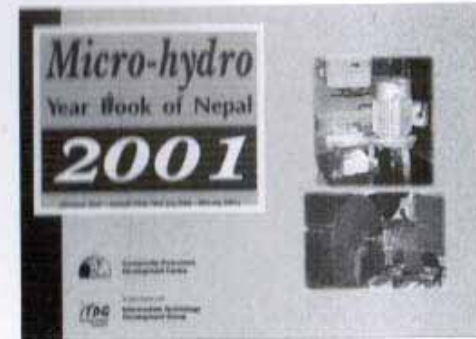
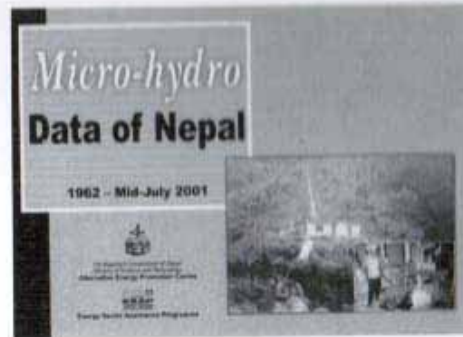
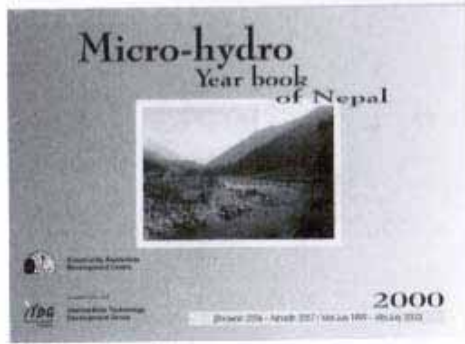
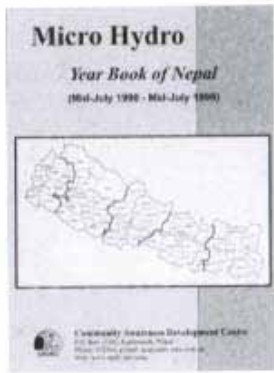
(F/Y 2064/65 – 2065/66)

(Mid July 2007 – Mid July 2009)



Government of Nepal
Ministry of Environment
Alternative Energy Promotion Centre (AEPC)





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2009

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Ministry of Environment
Alternative Energy Promotion Centre
Khumaltar, Lalitpur

Preface

Alternative Energy Promotion Centre (AEPC) was established in 1996 to promote the use of renewable energy technologies to meet energy needs in Nepal. AEPC has been executing Energy Sector Assistance Programme (ESAP) supported by DANIDA, Government of Norway and KiW, Rural Energy Development Programme (REDP) supported by UNDP and the World Bank, Biogas Support Program, Improved Water Mill Program and Renewable Energy Project.

The purpose of this Renewable Energy Data Book 2009 is to depict latest situation of renewable energy sector in Nepal. The publication consists of information of mini-hydropower, micro hydro power, Improved water mill, Solar power, Biogas, Biomass and Wind power development in Nepal. This volume of the Renewable Energy Data Book 2009 of Nepal consists of information of Renewable Energy Technology for the Nepalese Fiscal Years 2064/65 and 2065/66 B.S (corresponding to Mid-July 2007 to Mid-July 2009.)

I hope this publication provides valuable information to planners, researchers, support organisations, manufacturers, consultants and donor agencies involved in this sector. It is expected that readers will be able to use the data without difficulty and interpret them in their own context. Policy makers and decision makers can also utilize these data for the formulation of policies for the future course of actions that will be benefited to the sector and all stakeholders.

This work has been carried out by a team from Universal Consultancy Services (UCS) and Alternative Energy Promotion Centre (AEPC).

I would like to acknowledge the efforts of Mr. Krishna Prasad Devkota and Mr. Prashun Ratna Bajracharya from UCS in accomplishing this important task.

I extend my special thanks to staff members of AEPC / ESAP / REDP/ BSP-N /CRT/N who has contributed their valuable time for providing information and supportive document for the preparation of the data book.

I would like to acknowledge the support of all responding institutions and individuals who provided the valuable information to complete this data book.

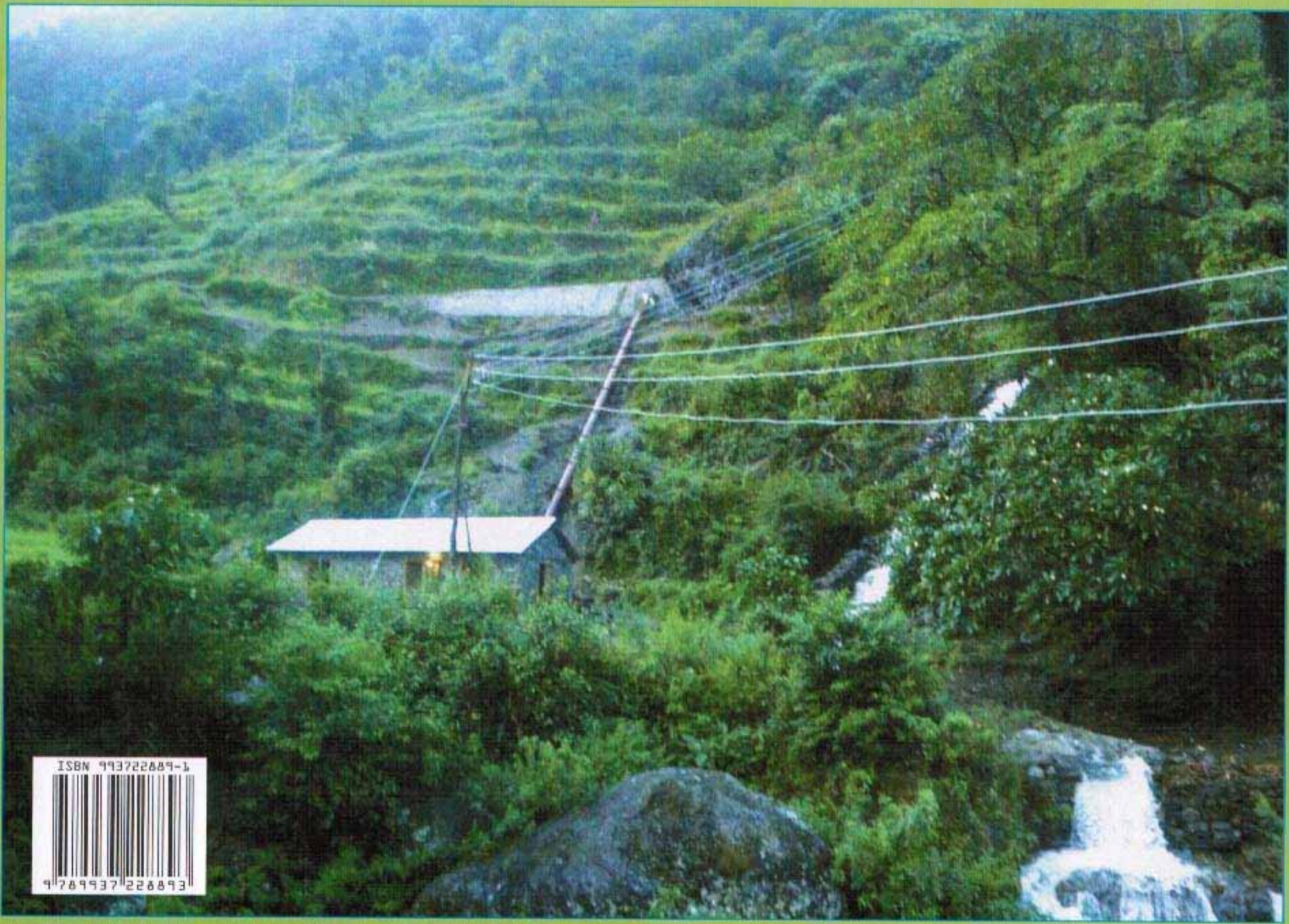
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Abbreviations

ADBL	Agricultural Development Bank Limited	NCDC	Namsaling Community Development Centre
ADDCN	Association of District Development Committee of Nepal	NEA	Nepal Electricity Authority
AEPC	Alternative Energy Promotion Centre	NMHDA	Nepal Micro Hydropower Development Association
BTI	Butwal Technical Institute	No	Number
BTTCC	Balaju Technical Training Centre	NPC	National Planning Commission
Cap.	Capacity	NRs	Nepali Rupees
CDR	Central Development Region	POHC	Power Output and Household Connection
Comm	Community	POT	Power Output Testing
Coop	Cooperatives	POV	Power Output Verification
DCRDC	Dhaulagiri Community Resource Development Centre	Pvt.	Private
DDC	District Development Committee	RADC	Remote Area Development Committee
DEES	District Energy Environment Section	RBB	Rastriya Banijya Bank
DoED	Department of Electricity Development	RDSC	Rural Development Service Centre
EDR	Eastern Development Region	REDA	Rural Economic Development Association
ESAP	Energy Sector Assistance Programme	REDC	Rural and Environmental Development Centre
FWDR	Far Western Development Region	REDP	Rural Energy Development Programme
GoN	Government of Nepal	REDS	Rural Energy Development Section
HHs	Households	REF	Rural Energy Fund
INGO	International Non Government Organization	REMREC	Resource Management and Rural Empowerment Centre
Inst	Institutional	RET	Renewable Energy Technology
IWM	Improved Water Mill	RRESC	Regional Renewable Energy Service Centre
kW	Kilo watt	SO	Support Organization
MGCC	Mini Grid Coordination Committee	TRC	Technical Review Committee
MGSP	Mini-Grid Support Programme	UCS	Universal Consultancy Service Pvt. Ltd.
MHP	Micro-hydro Plant	VDC	Village Development Committee
MHVEP	Micro-hydro Village Electrification Project	WDR	Western Development Region
MPPU	Multi Purpose Power Unit	WECS	Water and Energy Commission Secretariat
MoEST	Ministry of Environment Science and Technology		
MoLD	Ministry of Local Development		
MW	Mega watt		
MWDR	Mid Western Development Region		
NA	Not Available		
NAVIN	National Association of Village Development Committees in Nepal		



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