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Electricity in Households and Microenterprises

By Joy Clancy, Lucy Rebedy

ITDG Publishing. Paperback. Book Condition: new. BRAND NEW, Electricity in Households and Microenterprises, Joy Clancy, Lucy Rebedy, Most people in the world have either no access to electricity or a poor and unreliable supply, yet the importance of access to electricity cannot be overstated. This source book aims to provide practical help in gaining accessibility to electricity for those living in remote or rural communities as well as individual homeowners and small businesses. The book begins with a brief introduction to the national grid and then focuses on some of the possibilities for independent production of electricity in quantities used by households, micro-enterprises and small communities: diesel generators; micro-hydro; wind energy; solar photovoltaic energy (PV); gasifiers; biogas; steam and batteries. Descriptions of the technologies and their costs are given, as well as their different requirements in terms of inputs and skill requirements for installation and operation. Information and advice on using electricity is given; indications on how to calculate the technology size needed; and how to choose appropriate appliances. Case studies from developing countries highlighting successful women's initiatives using these technologies are supplied. Intended to provide resource material appropriate for use by extension workers, trainers and project staff working with...



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Reviews

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