

PROJECT REFERENCE

Assignment Name: Monitoring of the Solar Home System disseminated under the Namibian <i>Home Power!</i> programme		Country: Namibia
Project Location: Namibia		Professional Staff provided by your Firm (Specialisation): Solar Energy Expert Electrification Expert
Name of Client: Ministry of Mines and Energy		No of staff: 2
Address: Private Bag 13297 Windhoek Namibia		No of staff months/Duration of Assignment: 3 staff months / 6 month
Start Date (Month/Year): 06/2002	Completion Date (Month/Year): 12/2002	Approx value of Services (Current US\$): \$56,000
Name of Associated Consultants (if any): a) Namibia Economic Policy Research Unit b) Robert Stryk c) Erika Roedern		No of Months of Professional Staff provided by Associated Consultants: a) 0.5 months b) 1 months c) 0.5 months
Name of Senior Staff Involved and Functions Performed: Axel Scholle – Project Team leader, project administration, technical report sheet; technical evaluation and analysis of SHS systems; redesign of SHS programme Ralf Tobich – Review; Rural Electrification in Namibia		
Narrative Description of Project: The <i>Home Power!</i> Solar Home System programme and the Indian Solar Home System villages have been the subject of a survey to assess the socio-economic impact of electrification through SHS technology on rural households. In addition the technical performance of the Solar Home Systems installed will also be evaluated. The survey has focussed on the following issues: <ul style="list-style-type: none"> • Benefits experienced in terms of energy services • Economic implications • Loan repayment profiles • Long term impact on households (income generation, empowerment, education) • Energy usage patterns • System utilisation • Customer awareness of SHS • Technical problems experienced • Delivery mode • Programme sustainability <p>The study has highlighted the critical shortcomings of the programmes and has proposed a detailed redesign of the Home Power! programme in terms of specific responsibilities, financial arrangements, certification of supplier and products, codes of practices and continuous training.</p>		



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Description of Actual Services provided by Your Staff:

- **Project management and survey co-ordination**
- **Socio-economic questionnaire development and feedback**
- **Technical report sheet content development**
- **Interviews of all stakeholders**
- **Data analysis**
- **SHS programme redesign**
- **Compiling report**

Firm's Name: **EMCON Consulting Group**