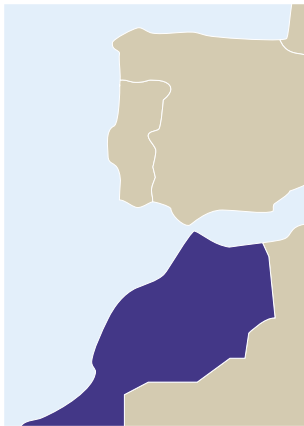


Overall Rating

**A**

Poverty Reduction

A Foundation for Sustained Growth



45 Morocco

## Rural Electrification Project

Contributing to the improvement of living standards through the development of the power distribution system in rural areas

**Loan Amount / Disbursed Amount** 6.027 billion yen / 3.983 billion yen  
**Loan Agreement** June 1998  
**Terms & Conditions** 2.2% interest rate, 30 year repayment period (10 year grace period), General untied  
**Final Disbursement Date** February 2004  
**Executing Agency** National Electricity Office (ONE)



### Project Objectives

The objective of this project was to improve the living standards of residents in rural areas through the development of the power distribution system in the following three areas: the Northern region, the Tensift region, and Ouarzazate Province, and thereby contribute to the correction of Morocco's domestic regional disparity.

### Effectiveness and Impact

Rating **a**

The rate of rural electrification in Morocco rose from 18% in 1995 prior to project implementation to 72% in 2004 after project implementation. This achievement is the result of the overall Global Rural Electrification Program (PERG), and is not an effect of this project implementation alone. However, under this project, 752 villages and approximately 60,338 households were electrified and in terms of these indicators, the project achieved its target. A beneficiary survey on the overall PERG conducted for 1,210 households in 293 villages confirmed that planned outcomes such as improvements in income and the living standards, promotion of employment, and improvement of health conditions were achieved. A beneficiary survey given to 100 residents of villages targeted by this project confirmed that among the improvements to the living standards, the project had made significant contributions to information and education. Therefore, this project has largely achieved its objectives and effectiveness is highly satisfactory.

### Relevance

Rating **a**

This project has been highly relevant with the national policies both at the time of the appraisal and at the time of the ex-post evaluation. This project is a part of PERG, which began in 1995.

### Efficiency

Rating **b**

The project period greatly exceeded the planned period (235% of planned period) although the project costs were less than planned (49% of planned). Therefore the evaluation for efficiency is moderate.

### Sustainability

Rating **a**

No major problem has been observed for capacity of the executing agency, the operation nor its maintenance system, therefore, sustainability of this project is high.

### Conclusion, Lessons Learned, Recommendation

In light of the above, this project is evaluated to be highly satisfactory. A lesson learned is that the participation of residents in the implementation of the project is one of the major factors that contributed to its success. It is advisable that an evaluation of the overall PERG be carried out in the future.



Craftsmen working



Interior of electrified household

### Third-Party Opinion

The progress in household electrification made through this project (village electrification) was confirmed to have an impact on the socioeconomic environment. Electrical power demand is forecast to grow in the future as a result of the implementation of programs to promote improvement of incomes in villages.

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