

TABLE OF CONTENTS

I	SUMMARY AND RECOMMENDATIONS	
	Applications of Solar Energy	2
	Determining Needs and Establishing Priorities	4
II.	THE BASIS FOR CONSIDERING SOLAR ENERGY . .	7
	NEEDS AND USES FOR SOLAR ENERGY IN DEVELOPING COUNTRIES	9
	APPLICATIONS OF SOLAR ENERGY: STATUS AND POTENTIAL	12
	Characteristics of Solar Energy and Solar Processes	12
	Solar Process Applications Now Being Made	15
	Solar Evaporation	15
	Water Heating	16
	Solar Distillation	17
	Solar Drying	19
	Solar Process Applications in Experimental Stages	19
	Space Heating	19
	Air Conditioning or Comfort Cooling	21
	Solar Refrigeration	22
	Conversion to Mechanical or Electrical Energy	22
	Solar Cooking	24
	Biological Processes	24
V.	DISCUSSION	26
	•	
	APPENDIX A. "On Solar Energy Utilization for Developing Countries," by Abdou Moumouni	32
	APPENDIX B. "Solar Energy Utilisation in Developing Countries," by R. L. Datta	40
	APPENDIX C. Major Publications on Solar Energy	47