

# APPLICATIONS OF SOLAR ENERGY: WHAT IS PRACTICAL IN THE NEAR TERM?

Gene Clark<sup>1</sup>

## ABSTRACT

Applications of solar energy are briefly surveyed. Building heating and cooling systems, industrial process heating and cooling systems, industrial process heating and power generation applications will be described and state of the art examples will be presented. Emphasis will be on those applications which are *now* technically and economically competitive with energy derived from fossil fuels: namely passive heating and cooling of buildings. The cost of energy from such systems will be compared with the cost of conventional heating and cooling.

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<sup>1</sup>Director, Solar Data Center, Trinity University, San Antonio, Texas  
78284.