

in the Supplemental Budget \$30,000 for this purpose]].

WHEREAS, The United States is facing an energy crisis of paralyzing proportion; and

WHEREAS, Americans have grown used to unlimited supplies of inexpensive fuels to power their automobiles, and to generate electricity for their homes and businesses; and

WHEREAS, The energy supply problem has become cruelly tangible, as factories have been forced to lay off workers or shutdown, and commuters have been having great difficulty getting gasoline; and

WHEREAS, The shortage of fossil fuels necessitates the use of alternative energy sources for the generation of electricity, the heating and cooling of homes and businesses as well as the supplying of hot water so that the scarcer fossil fuels can be used where alternative sources of energy are unfeasible; and

WHEREAS, There is a need to exploit new sources of energy of which solar energy is the most abundant, the most widely distributed and ecologically safe; and

WHEREAS, The energy dispersed by the sun is so great that the amount falling on Lake Erie in one day is greater than the present U.S. energy consumption for one day; and

WHEREAS, The area of central Maryland near Baltimore has, over the past thirty years, been receiving an average of about 2,580 hours of sunshine per year, which is a sufficient supply of energy for supplementary heating and cooling of residential structures, and for supplying them with hot water; now, therefore, be it

RESOLVED BY THE GENERAL ASSEMBLY OF MARYLAND, That the Maryland Academy of Sciences is requested to consider, design and establish a demonstration facility at their new Science Center that will use solar energy for heating, cooling and hot water supply to the largest extent practicable; and further, that the Academy is advised to consult on this project with the University of Maryland and the Johns Hopkins University, in addition to all other sources of advice and information that may appear desirable; and be it further

[[RESOLVED, That the Governor of Maryland is requested to include in the Supplemental Budget for 1974-75 \$30,000 for the purpose of aiding in the establishment of the Solar Energy Demonstration Facility at the new Maryland Academy of Sciences Center; and be it