

State of California

AIR RESOURCES BOARD

RESOLUTION

No. 78-14

Adopted April 1978

WHEREAS, technology for the use of solar energy is sufficiently developed to be utilized in many low temperature applications (such as comfort heating and cooling of indoor air, water heating, agricultural drying, and industrial process air heating) thereby obviating the need for combustion of fossil fuels in these applications and the emissions of air pollutants which result from the burning of such fuels; and

WHEREAS, natural gas is a valuable non-renewable resource which is only available in limited amounts; and

WHEREAS, the utilization of solar energy can extend the period during which natural gas is available; and

WHEREAS, the combustion of natural gas, in applications where non-fossil fuel alternative energy sources are impractical substitutes for fossil fuels, results in fewer emissions of pollutants to the air than does the burning of oil or coal, thereby improving air quality and the quality of life for Californians; and

WHEREAS, the application of solar cooling principles and technology to the design of buildings will reduce the reliance of these structures on electricity for air conditioning, thereby reducing the need for future

additional peak generating capacity and the attendant need to tolerate additional emissions of air pollutants or risk of contamination by airborne nuclear material; and

WHEREAS, the Energy Commission is actively considering the possibility of requiring the use of solar energy technology; and

WHEREAS, in developing programs for promoting the use of solar energy, the Energy Commission should consider the severity of California's air pollution problems and should be aware of the fact that increasing the number of solar applications is a major air quality improvement strategy; and

WHEREAS, the use of solar energy technology to the maximum extent possible will be important in minimizing future air pollution, and will permit the State to move closer to the goal of attainment of the ambient air quality standards;

NOW THEREFORE, BE IT RESOLVED, that the Air Resources Board commends the work already done by the Energy Commission in encouraging the utilization of solar energy.

BE IT FURTHER RESOLVED, that the Air Resources Board urges the Energy Commission to expeditiously require the use of solar energy technology,