

Resolution Honoring Dr. Arthur Rosenfeld

WHEREAS, The National Association of Regulatory Utility Commissioners (NARUC) notes the retirement this year of Dr. Arthur Rosenfeld from the California Energy Commission and, on the occasion of NARUC's Summer Committee Meetings in California, honors Dr. Rosenfeld's extraordinary public service and accomplishments in the fields of physics and energy efficiency; *and*

WHEREAS, Dr. Rosenfeld's successful career in particle physics included studying under Enrico Fermi as his last graduate student, receiving his doctorate in Physics in 1954 at the University of Chicago, and leading the Nobel-prize winning particle physics group of Luis Alvarez at Lawrence Berkeley National Laboratory (LBNL); *and*

WHEREAS, Dr. Rosenfeld was instrumental in developing the field of energy efficiency starting in 1974 by forming and leading the Center for Building Science at LBNL (Building 90), the American Council for an Energy-Efficient Economy, and the University of California's Institute for Energy and the Environment; *and*

WHEREAS, Dr. Rosenfeld's Center for Building Science developed a broad range of important energy efficiency technologies, including fluorescent lamps, energy efficient windows, and systems to analyze building energy use; *and*

WHEREAS, Dr. Rosenfeld identified energy efficiency's Rosenfeld Effect, showing that California's electricity use per capita in California has been nearly flat since 1973, and Rosenfeld's Law, showing that the amount of energy required per unit of economic output has steadily decreased; *and*

WHEREAS, Dr. Rosenfeld has campaigned tirelessly for the use of white- and cool-colored roofs, a solution that promises substantial reductions in carbon emissions and more efficient use of energy in buildings; *and*

WHEREAS, Dr. Rosenfeld has made seminal contributions to the fields of energy and physics by authoring or co-authoring articles published in nearly 400 refereed publications; *and*

WHEREAS, Dr. Rosenfeld established the Rosenfeld Fund for Global Sustainable Development, dedicated to addressing the needs of the poor using technologies that minimize energy use and protect the environment, as exemplified by the development and distribution of LED lighting devices and energy efficiency cook stoves in Darfur; *and*

WHEREAS, Dr. Rosenfeld's contributions have been recognized in the form of the 1986 Szilard Award for Physics in the Public Interest, the 1993 Carnot Award for Energy Efficiency, the 2005 Enrico Fermi Award, the 2008 *Economist* magazine's Innovator of the Year Award in the field of Energy and Environment and, in 2010, induction into the prestigious National Academy of Engineering; *and*

WHEREAS, Dr. Rosenfeld served with great distinction as a member of the California Energy Commission for two full terms from 2001 through 2010; *now, therefore be it*

RESOLVED, That the Board of Directors of the National Association of Regulatory Commissioners, convened at its 2010 Summer Committee Meetings in Sacramento, California, honors and offers it sincere thanks to Dr. Arthur Rosenfeld for his extraordinary commitment to advancing energy efficiency and his distinguished service on behalf of science and the public.

*Sponsored by the Committee on Energy Resources and the Environment
Adopted by the NARUC Board of Directors July 21, 2010*