

# Renewable Energy and Energy Efficiency: Economic Drivers for the 21<sup>st</sup> Century

Presented By:

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The American Solar Energy Society is the nation's oldest and largest membership society dedicated to advancing the US toward a sustainable energy economy. Publishes *SOLAR TODAY* magazine, organizes the National Solar Tour, sponsors the National Solar Energy Conference and advocates policy to promote research, development and deployment of renewable energy and energy efficiency throughout the country. ASES has chapters serving 41 states and is the US Section of the International Solar Energy Society.

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# Renewable Energy and Energy Efficiency: Economic Drivers for the 21st Century

## *Why this comprehensive study?*

- Establish a rigorous definition of the RE & EE Industries
- Allowing an estimate of the size and composition of the RE & EE Industries, including technology, sales, tax revenue, jobs, occupations, and skills
- Forecast the growth of these industries to 2030 under three scenarios



# Most important findings

- In 2006 more than 8 million Americans worked in these industries
- RE & EE generated \$933 billion in revenue
- By 2030, in an aggressive deployment forecast scenario, there could be 40 million Americans employed in these industries – nearly one in every four working Americans
- Under this aggressive scenario, the RE & EE industries could generate \$4.53 trillion in annual revenue

# Report is part two of a three part effort to help decision makers move toward a sustainable energy economy

Part 1: January 31, 2007 -- ***Tackling Climate Change in the U.S.: Potential Carbon Emissions Reductions from Energy Efficiency and Renewable Energy by 2030.***

[www.ases.org/climatechange](http://www.ases.org/climatechange)

Part 2: November 8, 2007 – ***Renewable Energy and Energy Efficiency: Economic Drivers for the 21st Century.*** [www.ases.org/jobstudy](http://www.ases.org/jobstudy)

Part 3: May 2008 – “Policy Recommendations to Mitigate Carbon”



# THANK YOU!!

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