

# Cross Border Climate & Renewable Energy

La Jolla, CA

August 13, 2009

Presented by Gary Kanaby

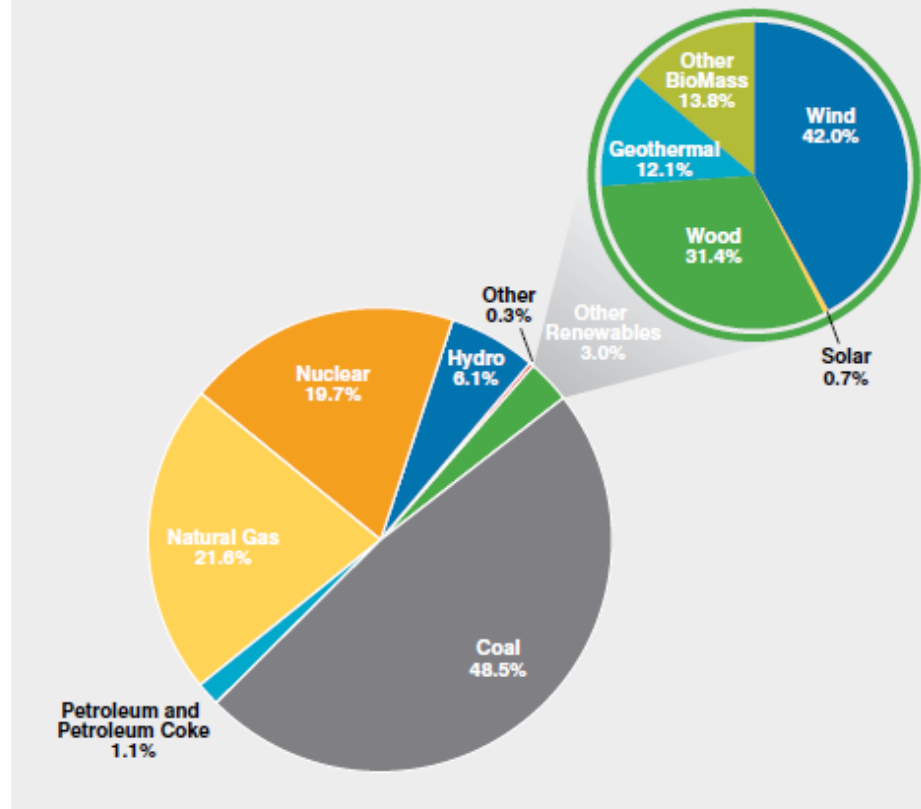


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# Wind Energy Quick Facts

- Wind Energy now accounts for >2% of the nation's electricity
- 20% by 2030

FIGURE 4: RENEWABLE ELECTRICITY AS PERCENTAGE OF U.S. ELECTRICITY



6 | AMERICAN WIND ENERGY ASSOCIATION

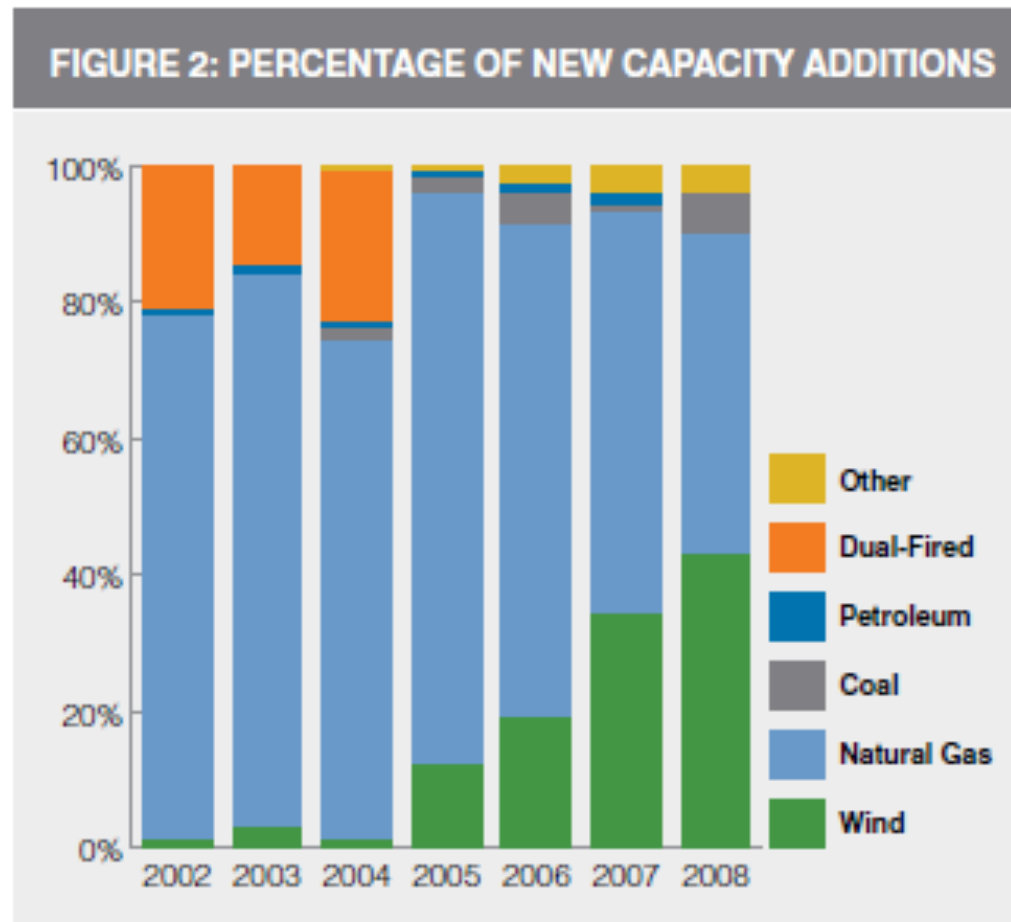


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Source: AWEA & DOE

# Wind Energy Quick Facts (cont.)

- In 2008, wind energy accounted for 42% of new generation capacity in the US
  - 8,558 MW & \$16.4 Billion invested
- US is now the world's largest producer of wind energy



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Source: AWEA & DOE

# Advantages of Wind Energy

- Abundance of wind energy
- Free source of energy
- Relatively low-cost
- Relatively low maintenance
- No greenhouse gas emissions
- Most importantly, Pro-wind incentive policies by the US Gov't



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# Investment Opportunities

- US Economic Stimulus Package Supports Wind Energy
  - \$1.6 Billion of new clean renewable energy bonds
  - Production Tax Credit (PTC) extended until 2012
  - Developers have option to take the Investment Tax Credit (ITC) in lieu of PTC
  - ITC is common in solar industry, offers 30% tax credit based on cost of investment
  - ITC “Refundability”: with ITC option, developer can apply to the Department of Treasury to receive a grant in lieu of the tax credit

Source: AWEA & DOE & Jefferies Int.



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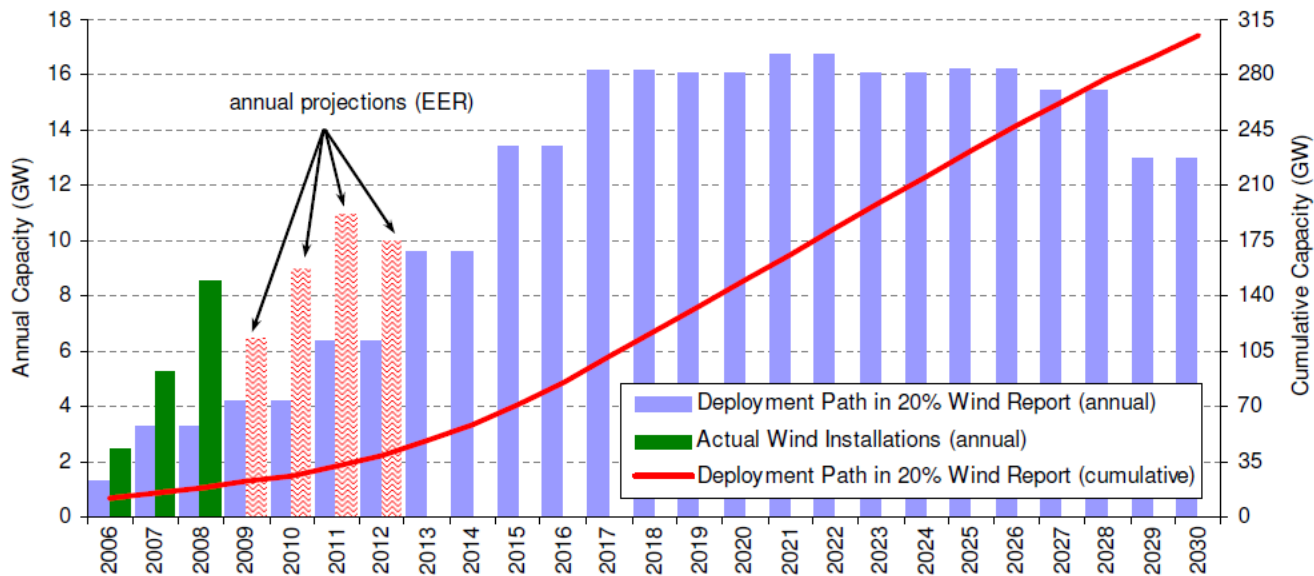
# The Future of Wind Energy



U.S. Department of Energy  
**Energy Efficiency and Renewable Energy**  
Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

## U.S. Remains on Early Track To Meet 20% of Nation's Electricity with Wind by 2030

But ramping up further to ~16 GW/year and maintaining that pace for a decade is an enormous challenge, and is far from pre-determined



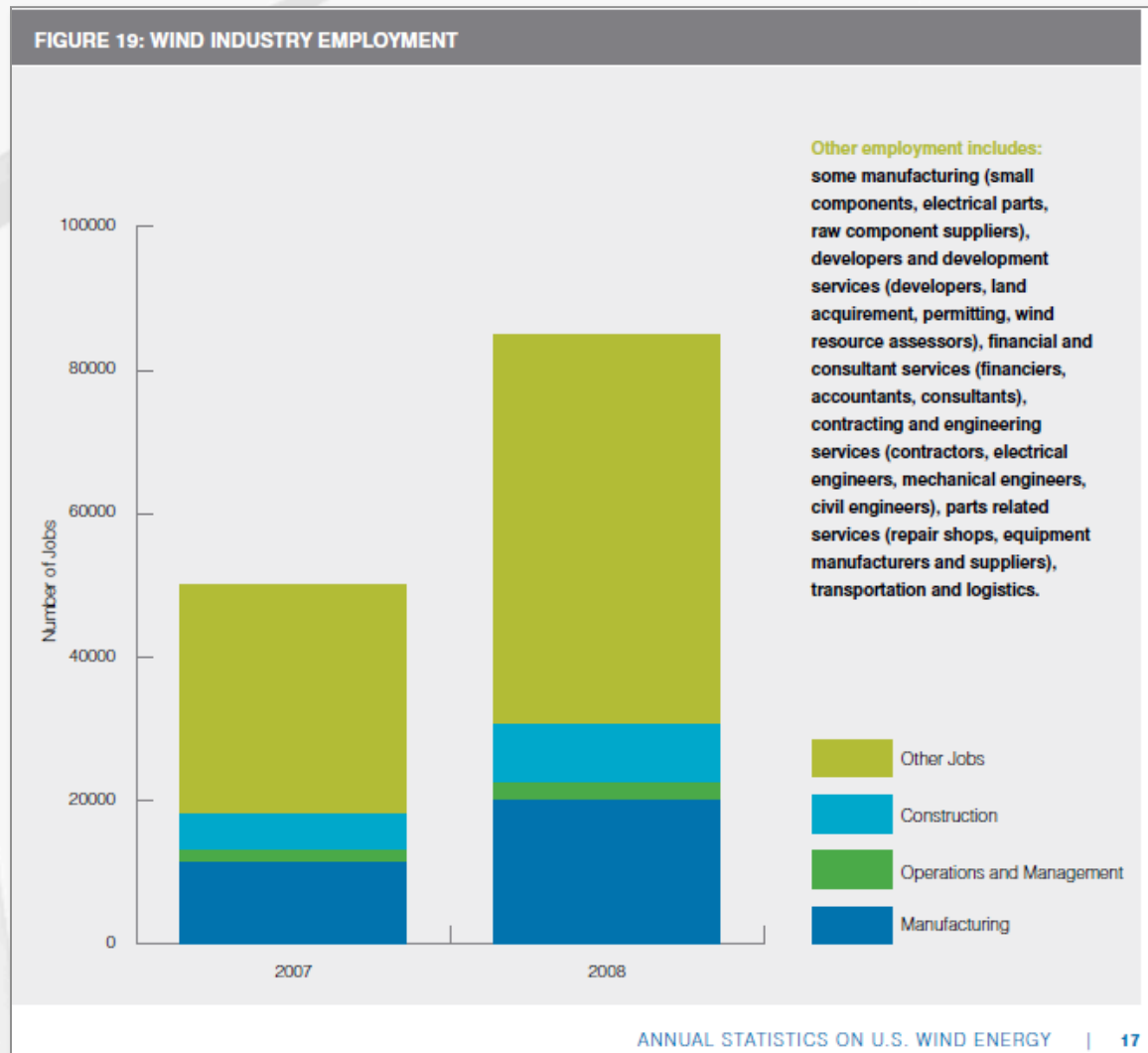
Source: DOE



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# The Future of Wind Energy (cont.)

- More Jobs!

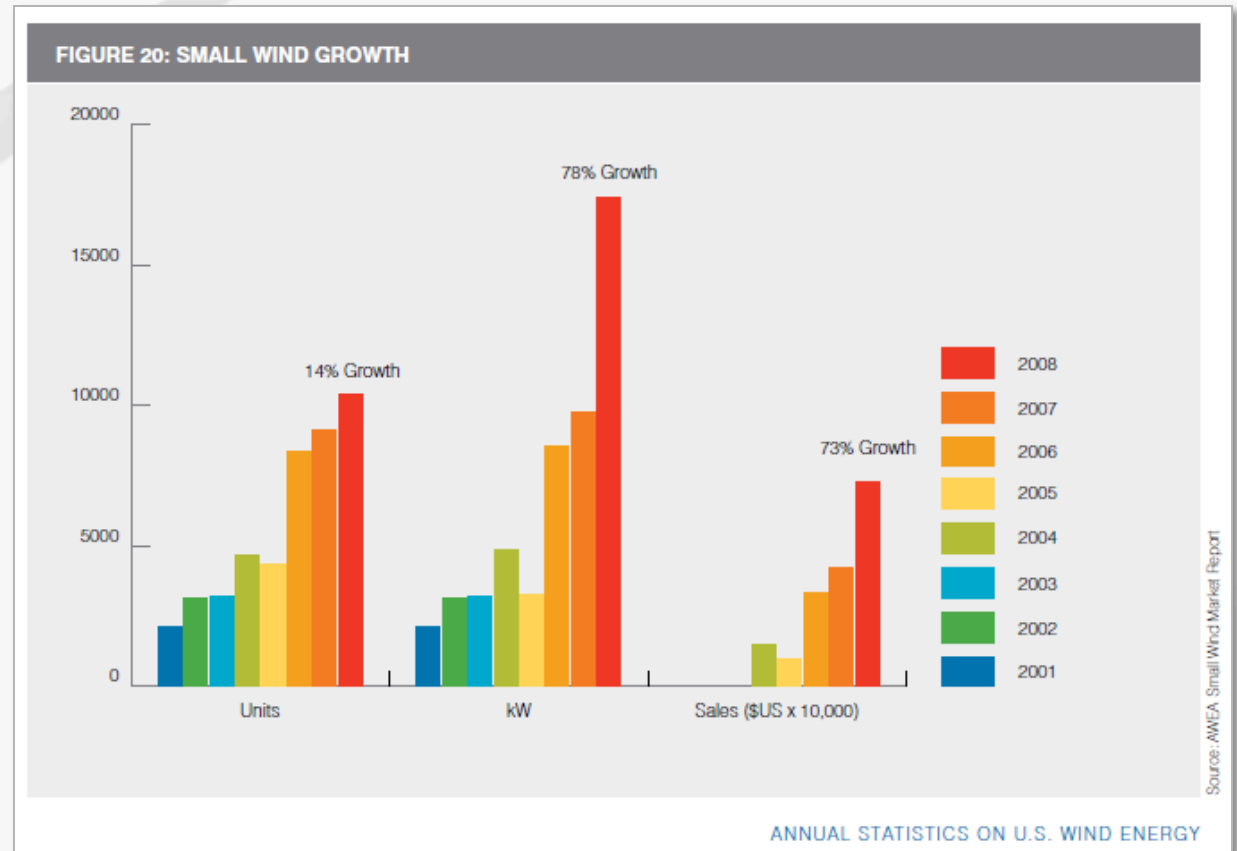


Source: AWEA

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# The Future of Wind Energy (cont.)

- Increase in US Small Wind Market



Source: AWEA



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# Leadership for Renewable Energy



“The nation that leads the world in creating new energy sources will be the nation that leads the 21st-century global economy.”

-- President Barack Obama



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