

# State Energy Policies – what it takes

## TO QUALIFY FOR COMPETITIVE ENERGY GRANTS FROM THE FEDERAL GOVERNMENT:

The economic stimulus package has \$2.1 billion additional dollars available for energy efficiency. To qualify, states must have these policies in place:

- integrated resource planning
- rate design that reimburses energy efficiency, such as decoupling
- statewide residential and commercial energy efficiency building codes
- rate recovery for smart grid investments
- time-based pricing, etc.

Kansas lacks the majority of these policies

Other states are attracting manufacturers and other benefits with their energy policies.

### MICHIGAN

- “Integrated Renewable Portfolio Standard” combines Energy Efficiency Resource Standard (EERS), Renewable Energy Standard (RES), and green pricing.
- RES mandates that 10% of electricity be generated from renewable and advanced cleaner energy by 2015.
- EERS mandates that by 2011 electricity providers must save 0.75 percent of prior-year sales, and natural gas utilities must save 0.5 percent of prior-year sales (after 2011, targets increase in increments of 1.0 percent and 0.75 percent respectively).
- Act allows decoupling and instructs public utilities commission to develop net metering policy.

### COLORADO

- Renewable Energy Standard requires investor-owned utilities to generate 20% of retail electric sales in the state from renewables by 2020, and co-ops and munis serving more than 40,000 to reach 10% by 2020. In-state generation counts as 125%, community wind projects count as 150%.
- Energy policies include statewide energy efficiency building codes, energy standards for public buildings, green power purchasing, interconnection standards and standard 1:1 retail net metering.

### COLORADO

- 11th best wind resource in the U.S.
- More than 1,000 installed megawatts
- More than 2500 wind manufacturing jobs

### KANSAS

- 3rd best wind resource in the U.S.
- More than 1,000 installed megawatts by 2010
- Has not attracted any major wind manufacturers

Without even counting the construction jobs, Colorado is benefitting - Wind-turbine manufacturer Vestas is developing plants in Windsor and Brighton with plans to employ more than 2,000 people. AVA Solar Inc., a spinoff from Colorado State University, plans to build a solar panel manufacturing plant that would employ 500 people.