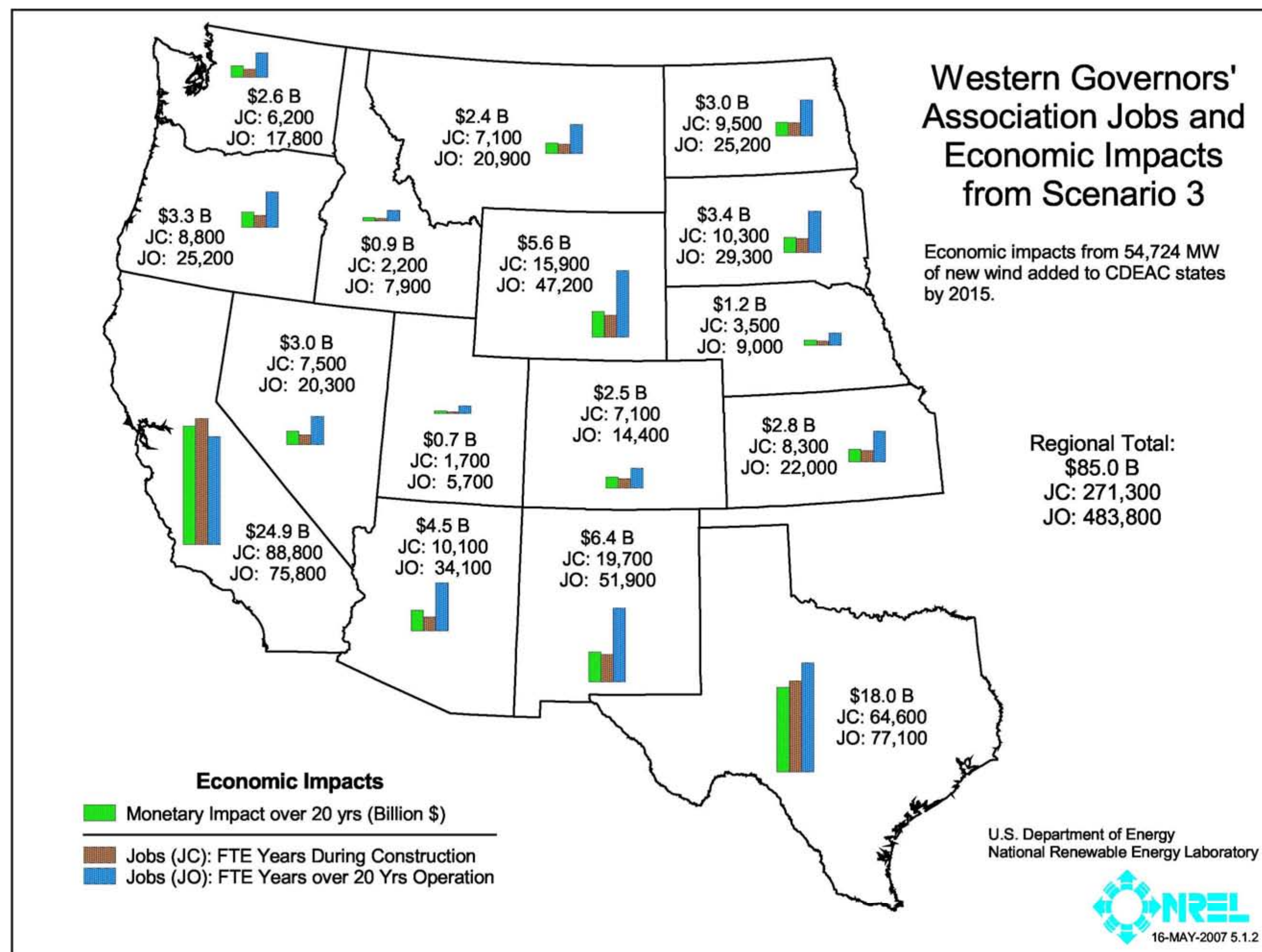
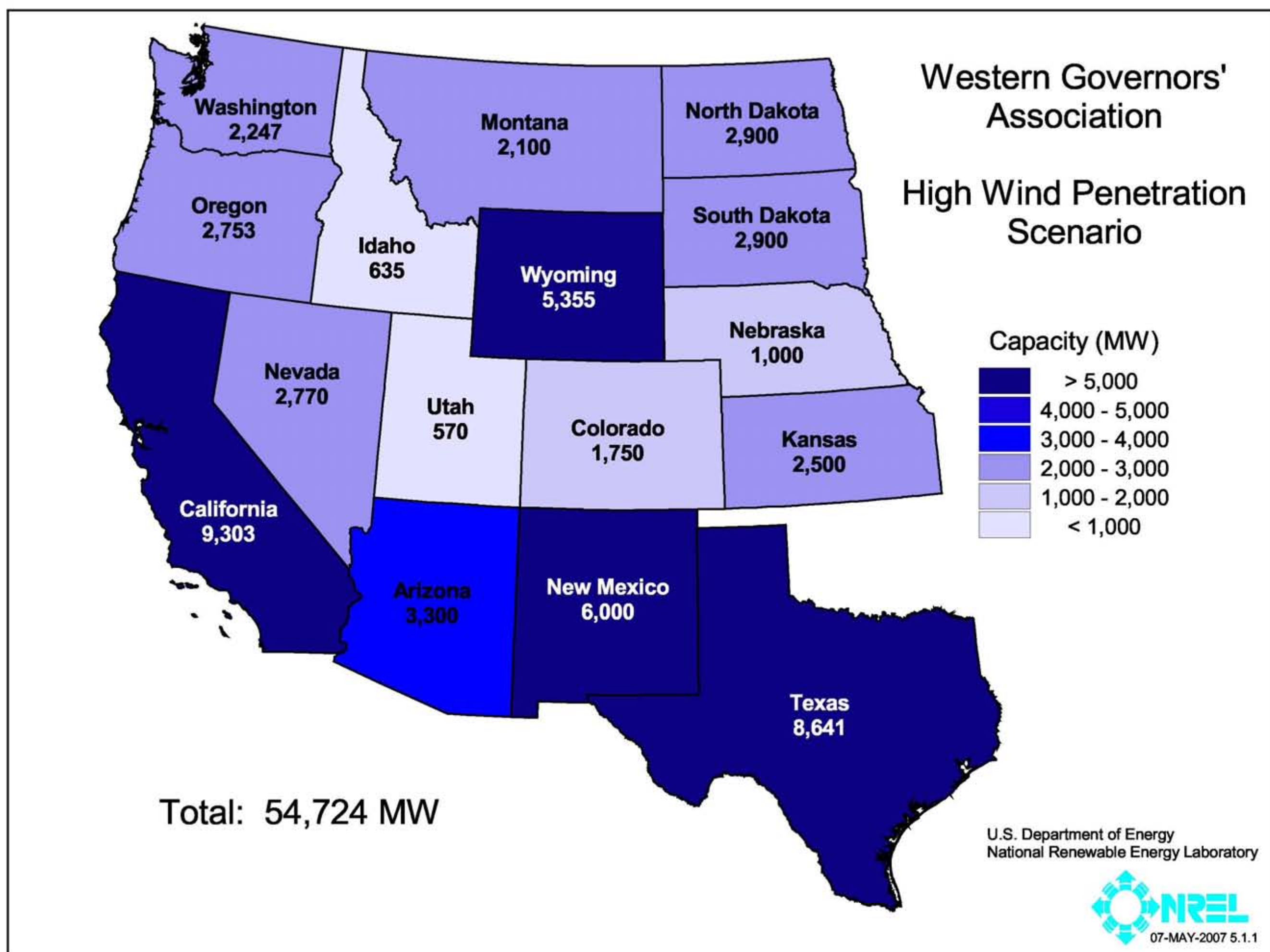


# Economic Development Impacts from Wind Power in the Western Governors' Association States

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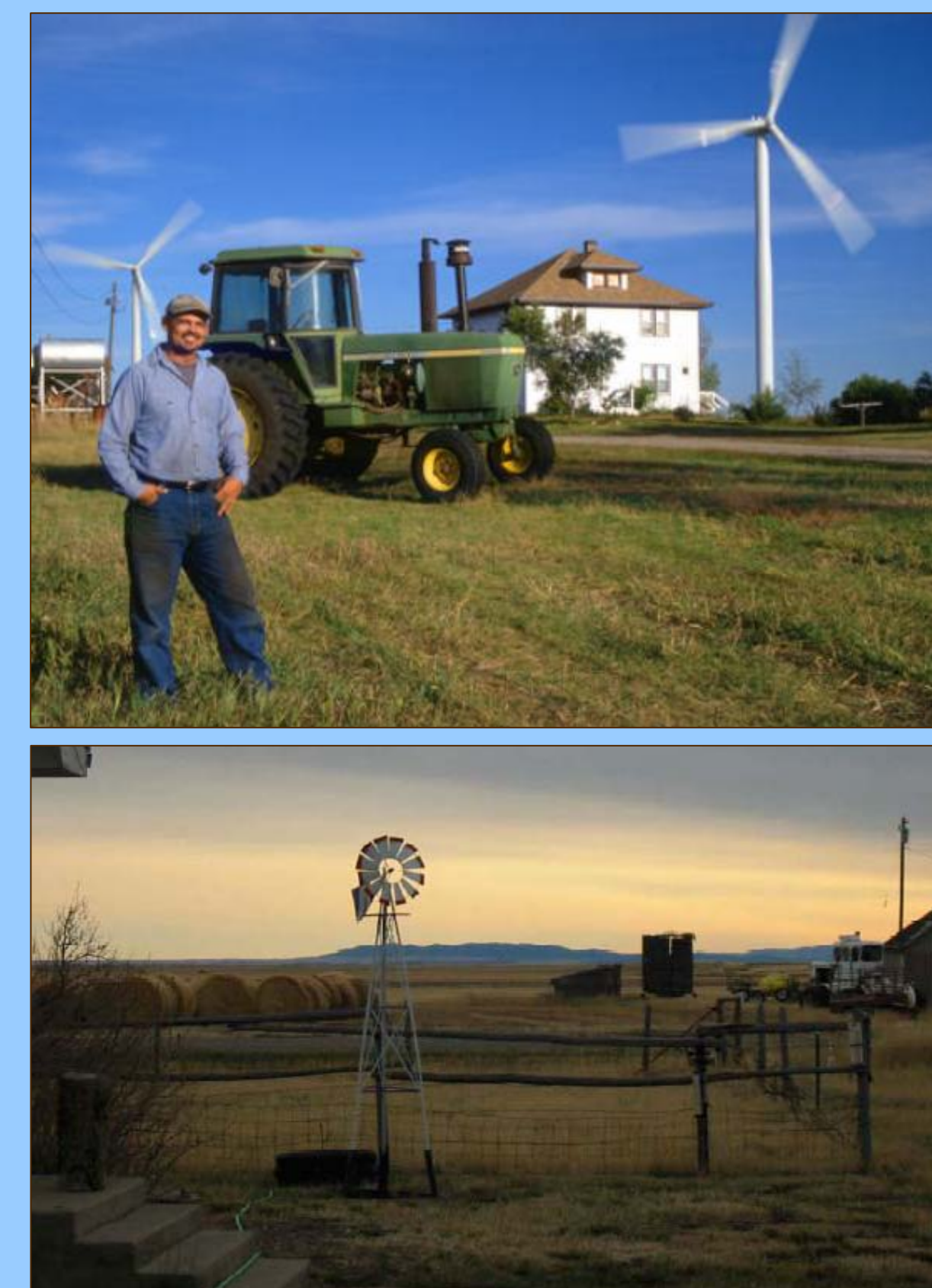


The Western Governors' Association created the Clean and Diversified Energy Advisory Committee (CDEAC) "to utilize the region's diverse resources to produce affordable, sustainable, and environmentally responsible energy."



## Impacts to the Western U.S. from new wind power

- Rural economic development
- Increased tax base for schools, roads and county services
- Royalty revenue for landowners
- Water savings in drought regions
- Emissions reductions



### Wind Energy's Economic impacts

On-site direct, off-site direct, Indirect, Induced

Wind energy's economic "ripple effect"

#### Direct Impacts

- | On-site   | Off-site   |
|---|--|
| Construction workers<br>Management<br>Administrative support<br>Cement drivers, road crews, maintenance workers | Boom truck & gas station workers, blades and towers & workers<br>Hardware store purchases and workers, spare parts and their suppliers |

#### Indirect Impacts

These are jobs in and payments made to supporting businesses, such as bankers financing the construction, contractor, manufacturers and equipment suppliers.

#### Induced Impacts

These jobs and earnings result from the spending by people directly and indirectly supported by the project, including to grocery store clerks, retail salespeople and child care providers.

### Economic impacts to the Western U.S. from CDEAC Scenario Three: 54.7 GW of new wind development by 2015

(Assuming most manufacturing happens outside the Western region.)

Wind energy's economic "ripple effect"

#### Direct Impacts from 54.7 GW

- Landowner Revenue: Over \$150 million/year
- Local Property Taxes: \$389,300,000/year
- Construction Phase: 127,000 new jobs
- Operational Phase (20 yrs): 13,400 new long-term jobs
- \$1.2 billion/year to local economies

#### Indirect Impacts

- Construction Phase: 66,000 new jobs
- \$7.5B to local economies
- Operational Phase: 3500 new long-term jobs
- \$360M/year to local economies

#### Induced Impacts

- Construction Phase: 79,000 new jobs
- \$8.3B to local economies
- Operational Phase: 7300 new long-term jobs
- \$721M/year to local economies

No discount or inflation rate used. No depreciation schedule used.

Construction Phase = 1-2 years  
 Operational Phase = 20+ years

