



## SEVEN REASONS TO SUPPORT WESTERN GRID INTEGRATION

- 1. With an integrated grid, only 0.08% of California's clean energy would be curtailed, as opposed to 4.8% predicted under the state's law mandating 50% renewable energy by 2030.**

[source: James H. Nelson & Laura M. Wisland, Achieving 50 Percent Renewable Electricity in California, Union Concerned Scientists (Aug. 2015),  
<http://www.ucsusa.org/sites/default/files/attach/2015/08/Achieving-50-Percent-Renewable-Electricity-In-California.pdf>]
- 2. In California, an integrated grid would cause a 10% drop in the electricity sector greenhouse gas emissions, cutting 4.6 million metric tons of carbon pollution per year by 2030.**

[source: Brattle Grp. et al., Senate Bill 350 Study: The Impacts of a Regional ISO-Operated Power Market on California, Cal. Indep. Sys. Operator Corp. (July 8, 2016),  
[https://www.aiso.com/Documents/SB350Study\\_AggregatedReport.pdf](https://www.aiso.com/Documents/SB350Study_AggregatedReport.pdf)]
- 3. Across the West, an integrated grid would cause a 3.5% decrease in electricity sector emissions, cutting 10 to 11 million metric tons of carbon pollution per year by 2030.**

[source: Brattle Grp. et al., Senate Bill 350 Study: The Impacts of a Regional ISO-Operated Power Market on California, Cal. Indep. Sys. Operator Corp. (July 8, 2016),  
[https://www.aiso.com/Documents/SB350Study\\_AggregatedReport.pdf](https://www.aiso.com/Documents/SB350Study_AggregatedReport.pdf)]
- 4. By 2030, an integrated Western grid would cut California's emissions between 55% to 60%, from 1990 levels.**

[source: SB 350 Study: The Impacts of a Regional ISO-Operated Power Market on California, Cal. Indep. Sys. Operator Corp. et al. (July 26, 2016),  
[https://www.aiso.com/Documents/Presentation-SenateBill350Study-Jul26\\_2016.pdf](https://www.aiso.com/Documents/Presentation-SenateBill350Study-Jul26_2016.pdf)]
- 5. California's electricity customers could save \$1 to \$1.5 billion annually by 2030.**

[source: SB 350 Study: The Impacts of a Regional ISO-Operated Power Market on California, Cal. Indep. Sys. Operator Corp. et al. (July 8, 2016),  
[https://www.aiso.com/Documents/SB350Study\\_AggregatedReport.pdf](https://www.aiso.com/Documents/SB350Study_AggregatedReport.pdf)]
- 6. Western grid integration would directly and indirectly create 10,000 to 20,000 jobs in California by 2030.**

[source: Brattle Grp. et al., Senate Bill 350 Study: The Impacts of a Regional ISO-Operated Power Market on California, Cal. Indep. Sys. Operator Corp. (July 8, 2016),  
[https://www.aiso.com/Documents/SB350Study\\_AggregatedReport.pdf](https://www.aiso.com/Documents/SB350Study_AggregatedReport.pdf)]
- 7. "Enhanced western grid integration under a regional system operator would not expose California's clean energy policies to additional risks of preemption under the Federal Power Act or challenges based on the dormant Commerce Clause. Shifting to a regional grid operator would enable more efficient, affordable, and reliable integration of renewable resources without increasing the legal risk to California's clean energy policies."**

[source: Brint Grp. et al., Enhanced Western Grid Integration: A Legal and Policy Analysis of the Effects on California's Clean Energy Laws, Yale Law School and Yale School of Forestry & Environmental Studies (May 2017),  
[https://law.yale.edu/system/files/area/clinic/document/yaleepc\\_enhanced\\_western\\_grid\\_integration\\_may\\_2017.pdf](https://law.yale.edu/system/files/area/clinic/document/yaleepc_enhanced_western_grid_integration_may_2017.pdf)]