Vermont Ranks in Top 10 for Energy Efficiency

As Americans struggle to pay rising energy bills, leading states have instituted energy efficiency policies that cut utility bills—especially for those who need it most—while reducing greenhouse gas emissions, according to the 2022 State Energy Efficiency Scorecard. These policies can serve as models for the dozens of states that have yet to prioritize energy-saving upgrades to reduce costs for disadvantaged households, according to a news release.

California comes in first place in the 50-state scorecard (which also includes Washington, DC) from the American Council for an Energy-Efficient Economy. Rounding out the top 10 are Massachusetts (#2), New York (#3), Vermont (#4), Maine (#5), Washington, DC (#6), Maryland and Rhode Island (tied at #7), Connecticut (#9), and Minnesota (#10). The scorecard ranks states in six policy areas: utility programs, transportation, building energy codes, state initiatives, industrial energy efficiency, and appliance standards.

Year One of the Bipartisan Infrastructure Law

The Biden Administration recently updated state and territory fact sheets that highlight the nationwide impact of the Infrastructure Investment and Jobs Act, the largest long-term investment infrastructure and competitiveness in nearly a century. To date, more than $823 million in funding has been announced and is headed to Vermont with over 40 specific projects identified for funding. Access information about Vermont projects here.

Greening the Future with Verde Technologies

With their revolutionary solar panels, Verde Technologies enthralled the judges and participants at this year’s Clean Tech Open—the world's largest and longest-running clean technology accelerator. The University of Vermont startup's thin-film perovskite solar panels, which are lightweight, flexible, affordable, and easily
installable because of their adhesive backing, won second place and the People's Choice awards at the Cleantech Open's annual Global Forum, held in San Jose, California, in October. Verde competed against over 90 companies from across the globe.

Randall Headrick and Richards Miller of UVM's College of Engineering and Mathematical Sciences are the research lead and president/CTO, respectively. The two invented this innovative solution and founded Verde Technologies with a simple but profound mission: to create the lowest-cost clean energy the world has ever seen. Read more.

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NSPECon23 Heads to Louisville

Mark your calendars to attend NSPECon23 in Louisville, Kentucky, August 2-4. NSPECon provides an opportunity to build your network of professional engineers and advance your career by learning new skills, expanding your expertise, and preparing for future developments in the industry. The conference presentation proposal submissions site is open (submission deadline: January 25). Stay tuned for more information on registration, session topics, sponsorship opportunities, and additional conference activities!

If you want to reminisce about the fun, comradery, engagement experienced during this year’s NSPECon (Philadelphia) in preparation for NSPECon23, visit NSPE’s conference photo albums on Flickr.
Take Advantage of Professional Development Opportunities

It's not too late for NSPE members to access the 2022 lineup of WORKability Wednesdays webinars. Access these free recorded webinars and earn PDHs before the end of the year.

The presentations address various topics of interest to professional engineers including the following:

- Amplifying the Current Infrastructure for the Imminent EV Transition
- Engineering: Addressing Unintended Consequences as a Professional
- What Separates Good Engineers From Great Engineers
- Ethical Case Insights: Lessons in Disclosure
- Setting and Verifying Corporate Sustainability Goals Across Environmental, Social, and Governance Topics
- Election Recap: How Can PEs Prepare for the 2023 Legislative Session

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