



POWERING NEW GROWTH

moving tennessee to a sustainable economy



SOLAR USA

- **92 % of all American support the development and research of solar energy**
- **43 % considers this as the main energy resource**
- **77 % are of the opinion that R&D should be the most important issue of the Federal Government**
- **49 % plan to invest in solar energy**





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- **Site Selection Magazine November 3, 2009: Ranked Tennessee among the five best states in the U.S. for best business climates.**
- **Renewable energy is a target industry for Tennessee's economic development efforts.**
- **Technology and research will result in exports of solar energy products**
- **Tennessee is consistently investing in job creation and offers economic incentives to solar orientated manufacturing companies**
- **A ready workforce, dedicated industrial megasites and central locations are available**
- **More and more solar and clean energy companies are interested in TN , e.g. solar panel suppliers : Sharp in Memphis, Shoals Technologies Group in Gallatin, AGC Flat Glass in Kingsport; wind tower manufacturer SIAG Aerisyn, L.C.C. in Chattanooga; and the leading supplier to the world's clean energy manufacturers Alstom Power.**





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- **Tennessee is focusing on clean energy**
- **Tennessee is serious about the renewable energy sectors**
- **The timing to look at Tennessee is excellent as :**
- **Two of the world's leading solar suppliers ...
Hemlock Semiconductor and Wacker Chemie, Sharp, Memphis
and AGC Flat Glass have or will invest billions of dollars in
production in TN creating thousands of jobs,**





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- **The federal government is validating Tennessee`s position, too.**
- **Using federal Recovery Act funds, Tennessee anticipates a comprehensive plan to use about \$62 million to support job creation and advance education, research and renewable-power production. It consists of two projects:**
 - **First, the Tennessee Solar Institute at UT and ORNL ... which will to focus on basic research and industry partnerships; and**
 - **Second, the West Tennessee Solar Farm ... which will serve as a demonstration site for educational purposes for the public and students to learn about the benefits of renewable energy.**





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- **\$9 million are set aside to help businesses fund the purchase and installation of small-scale solar PV systems.**
- **This will help accelerate distributed generation activities, which is important to installers and other small businesses.**
- **\$14 million will be available to encourage innovation by providing funds to the solar industry for technical assistance, facility or process improvements, and workforce development.**





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The end goals are

- **Short-term, we're supporting the manufacturing and installation sectors of the solar industry.**
- **Long-term, we're strengthening Tennessee's reputation as a national clean-energy hub and emerging force in the U.S. solar industry.**





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