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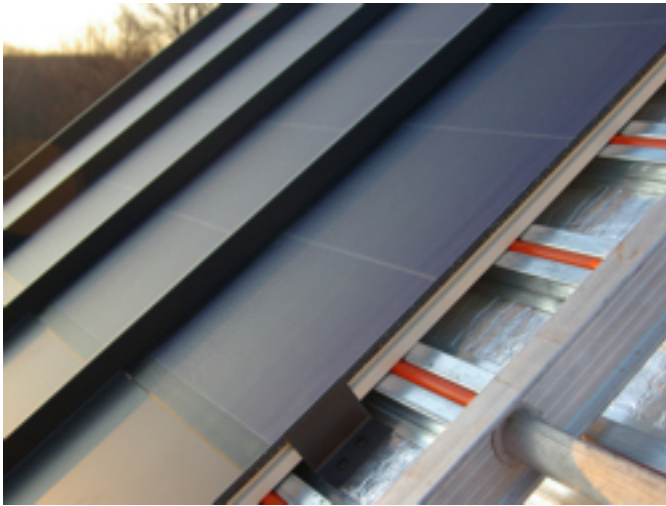
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Englert And Dawn Solar Announce Solar Metal Roofing Alliance

Perth Amboy, NJ and Brentwood, NH - Englert, Inc., a leading producer of rainware and metal roofing products and accessories, and Dawn Solar Systems Inc., a developer and manufacturer of solar thermal systems for residential, commercial, institutional and industrial structures, have formalized an agreement



Partial installation of Englert standing seam and Dawn Solar thermal system shows the glycol tubing and purlins under the standing seam material.



Bill Poleatewicz of Dawn Solar explains complex example of commercial solar thermal installation to Englert architectural representatives.

whereby Englert has become a stocking authorized distributor of Dawn Solar's systems, with installation and service being provided by a network of authorized Englert solar thermal installers.

Together, Englert and Dawn Solar will be able to provide customers with an integrated solar thermal roofing system including pumps, tank and controls for water, space and process heating applications. Distribution will be available throughout North America. The system is available for both new roof and reroofing applications.

“We look forward to working with Dawn Solar as a North American distributor,” said Tom Dyszkiewicz, senior vice president for business development at Englert. “Today’s alliance formalizes a three-year relationship that has already resulted in the most successful installations of integrated solar roofing systems in North America. Combining Dawn’s technology expertise and Englert’s proven reputation for service ensures architects and builders that their return on investment in solar will be swift and solid.”

Because the Englert UltraCool metal roof is an integral part of the solar heat collection process, both the roofing and the solar thermal components are eligible for a 30% federal investment tax credit and for accelerated depreciation under the federal Modified Accelerated Cost Recovery System (MACRS)--for both residential and commercial solar installations.

The Dawn Solar thermal system is mounted under the Englert standing seam metal roofing panels which act as a component of the solar thermal system. The roofing panels conduct solar energy (as heat) to the one-inch thick collector array installed just below the roof.

The solar thermal energy is then transferred from the roof to conventional heat and distribution system through a glycol, protected, closed loop recirculating system. The solar thermal energy harvested offsets fossil fuels and electricity used for many water, space and process heating applications.

Because the roofing material will radiate heat after it reaches a certain temperature, the system is self-

regulating, preventing overheating and component damage when the system is inactive for extended periods of time. The same thermal technology can be reversed at night to provide building and process cooling, or, in the wintertime, sending warm liquid back to a snow covered roof where the standing seam metal heats up, melting snow quickly and efficiently.



Englert's network of installers will also have the capability to top off the integrated solar system with the installation of Englert's SunNet photovoltaic (BIPV) thin film laminates that convert solar energy into electricity. The Englert standing seam system provides

the critical platform for the PV laminates to function optimally.

Available with power ratings from 68W to 136W, these extremely lightweight and unbreakable self-adhesive laminate materials are less than a quarter-inch thick and are attached to the standing seam panels.

Dawn Solar thermal systems work synergistically with Englert's SunNet PV laminate system. As the solar thermal system removes heat from the roof, it cools the PV system which improves the performance of the PV system while, at the same time, reducing the heating and cooling loads on a building.



Architects, builders and contractors interested in learning more about Englert's role as a Dawn Solar System distributor can call their Englert sales representative or Jerry Heininger, Englert's Environmental Products Coordinator at (732) 826-8614. To learn more about Englert's complete line of jobsite manufactured metal roofing systems and accessories, visit www.englertinc.com.

To learn more about Dawn Solar products and systems, visit www.dawnsolar.com.

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The content on Design And Build With Metal relates to metal roofing (standing and batten seam, shake, tile, shingle, corrugated and screw-down roofs); metal wall products (ribbed, smooth faced, metal composite and curtain walls); metal buildings (pre engineered steel, wood post frame, hangars and self storage); insulation; doors; paint coatings; and many related products (including roof accessories like snow guards, screws and vents). The site covers metal construction products using all types of substrates: steel, copper, aluminum, zinc, stainless steel, Corten, Terne, Galvalume, Zinalume, galvanized, tin and more. Environmental (green) issues, such as sustainability and cool initiatives, are also covered. Project, news and product submissions are welcomed...see information in About Us section

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