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Evolution of Solar-Powered Roofing Shingles by [Max Boughner](#)

Article published on May 3rd 2012 | [Home Improvement](#)

Solar energy grows more and more important as it holds potential solutions to various economic and environmental issues that the world is facing today. This technology has a lot to promise in resolving the depletion of natural resources, global warming, climate change, and economic recessions. That is why it is important to look at how this technology evolved and how else it can be improved.

According to historical accounts, fire started out through the burning of wood, dried animal dung, and leaves during the ancient times. Later on, the idea of coal, oil, and gas developed and steam engine started running to increase people's mobility and productivity. The biggest jump happened with the invention of the solar cell by three Americans in the early 1950's. From there, this tool of maximizing energy from the sun was applied in various devices and fields.

This renewable energy was used in powering hybrid cars in place of burning fuel. As engineers realized a growing need to preserve natural resources without curtailing people's power supply, they came up with other applicable methods of doing so, including the invention of solar-powered roofing shingles. These are complete with solar paint and nanotechnology that can absorb the sun's heat properly and distribute the power evenly to the rest of the household.

Now, solar roof tiles have better designs and enhanced features. Ordinary homeowners can get one for use in their own residences. Even without a scientist in the family, they can enjoy the economic and environmental benefits of solar-powered roofs. This type of roofing system efficiently stores energy from the sun to be used as a power source within the house.

Residents can save money with lower electric bills without limiting their hot water consumption, avoiding heater use, or using air conditioning systems. Using solar energy grants them with the opportunity to save the environment and minimize their home's carbon imprint. In this mission, home building experts like a reputable Danville roofing contractor can support homeowners.

Just like how energy utilization took various shapes in history, the town of Danville also went through a significant development. From being a mere blacksmith shop, it has already grown to a thriving community. That is why in roofing Danville CA homes, the latest technology on solar shingles are ought to be used as well.

Apart from efficiently installing solar shingles, a trusted Danville roofing contractor can also offer other related products like solar hot water systems. These can allow homeowners to generate their daily hot water needs solely through solar energy. To know more about the history of this alternative power source, visit alternate-energy-sources.com/history-of-solar-energy.html.

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