



WALMER ENERGY

**Solar on-site energy brand
dedicated for highways**





Overview

What are roadside solar farms?

Roadside solar farms are an innovative approach to renewable energy deployment that utilizes the network of highway medians, shoulders, embankments, and adjacent right-of-way lands to generate clean electricity.

What is Highway solar?

With the United States aiming to achieve energy independence while reducing carbon emissions, highway solar is a practical pathway that leverages existing infrastructure rather than developing new greenfield sites. Highway solar installations offer an opportunity to advance American energy independence through distributed power generation.

Should solar panels cover the world's highways?

Covering the world's highways with solar panels would reduce carbon emissions, bolster energy production, and improve safety for drivers. (Image courtesy of Alex Kalinin, Unsplash) By Kayt Sukel.

What are modern roadside solar implementations?

Modern roadside solar implementations include everything from standalone panel arrays along highway margins to solar-embedded noise barriers, energy-generating guardrails, and even experimental solar road surfaces.



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The economic and environmental promise of solar-powered highways

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Solar panels alongside roads

Solar panels alongside roads With our goal of creating safer and more sustainable roads, integrating solar energy into infrastructure offers significant added value for our customers.

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