



FTMRS SOLAR

# Dialogue On-site Energy Solar Panels





## Overview

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How can on-site solar PV & energy storage improve sustainability?

To achieve sustainability goals while meeting the increasing electricity demands of electrification, organizations are pairing on-site solar PV generation with on-site energy storage. These systems, which are considered as “behind-the-meter” (BTM) systems, allow facilities to maximize the benefits of on-site renewable generation.

What is the solar uncommon dialogue?

The Solar Uncommon Dialogue was established in 2023 to develop new tools, best practices, and other consensus-based strategies to improve large-scale solar siting and permitting outcomes for communities and the solar industry.

Should solar PV production be reduced on-site?

Increasing the amount of solar PV production on-site can provide additional cost and emission reductions and resiliency benefits for facilities. However, the additional generation that can result from larger systems during peak daylight hours must be exported or managed through curtailment on-site.

Can on-site storage be used alongside solar PV?

If a utility restricts the exports from a facility to the grid, the use of on-site storage alongside solar PV can provide a solution to avoid costly infrastructure upgrades, thus increasing the feasibility of larger on-site PV installations.



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Is China ready to put solar panels out at sea?

Apr 18, 2024 · China is increasingly seeking to put solar panels on the seas off its coastline, with some state-run companies experimenting as far offshore as 30 kilometres. A global leader in ...

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Making It Happen: On-Site Renewable Energy and ...

Sep 17, 2024 · We report that the most common on-site renewable energy technology deployed to date by partners in the working group is solar PV panels. Despite its prevalence, there are still ...

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Solar power is turning the tide on energy ...

Oct 29, 2024 · Families gather to watch television, use their mobiles and cook inside illuminated huts, thanks to newly installed solar panels in the ...

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The rise of private solar power in Nigeria

1 day ago · An engineer with renewables company Rensource Energy installs solar panels on the roof of a house in Lagos. Solar companies in Nigeria are receiving support to sell more of their ...

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Solar power is booming in Brazil. Can it be a ...

Jun 14, 2024 · Student Brenda Rodrigues da Silva works on the installation of solar panels at Fábrica Social, a professional training centre in Brasília, ...

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Why on-site renewable energy solutions are in demand

Jun 29, 2021 · Solar panels are becoming an increasingly common sight on rooftops and car ports as more landlords and owner-occupiers get on board with the idea of onsite renewable energy. ...

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Uncommon Dialogue on Large-Scale U.S. Solar

4 days ago · The U.S. Department of Energy is investing in the Solar and Storage Industries Institute to support the Solar Uncommon Dialogue, a stakeholder-driven initiative to improve ...

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JA Solar Power Talk Webinar Series Opens with Dialogue on ...

Jul 7, 2025 · JA Solar launched JA Solar Power Talk, a new global webinar series for expert dialogue on the future of solar energy. As extreme weather events intensify, PV systems face ...

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Here comes the sun: Ladakh embraces solar ...

Nov 26, 2013 · Solar panels glitter in the sun atop virtually every roof in Leh, the capital of India's Ladakh region in the Hindu Kush Himalayas. Leh ...

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### Is China ready to put solar panels out at sea?

Apr 18, 2024 · China is increasingly seeking to put solar panels on the seas off its coastline, with some state-run companies experimenting as far ...

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### Onsite Solar Programs: A Low-Cost High-Impact... , ENGIE ...

Jun 8, 2023 · The model works as follows: a company looking to lower its carbon footprint across multiple sites enters a partnership with an energy service provider to deliver electricity via solar ...

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### Onsite Solar , ENGIE Impact

1 day ago · On-site Solar offers a holistic solution for organizations seeking multi-site onsite solar implementation. It provides numerous benefits, ...

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### What next for Southeast Asia's China-backed ...

Apr 29, 2025 · Southeast Asia's solar exports have primarily targeted the US, with more than 80% of the equipment it imported in the first half of 2024 ...

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### Onsite Solar Programs: A Low-Cost High ...

Jun 8, 2023 · The model works as follows: a company looking to lower its carbon footprint across multiple sites enters a partnership with an energy ...

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### In Cambodia, solar power surges

Dec 3, 2019 · SchneiTec, the project's developer, is a joint Chinese-Cambodian venture and JinkoSolar, a China-based company that is the ...

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### Let them eat solar panels

Dec 23, 2015 · Let us hear instead the economic and energy security case for renewables - and hear the moral case for giving countries like India a ...

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### Distributed energy is driving Latin America's ...

Apr 22, 2025 · Today, "distributed energy" is breaking with this model, transforming consumers into producers of clean energy. Distributed ...

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### Onsite Solar , ENGIE Impact

1 day ago · On-site Solar offers a holistic solution for organizations seeking multi-site onsite solar implementation. It provides numerous benefits, including environmental friendliness by ...

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### Solar panels power afforestation in Xinjiang desert

Jun 20, 2024 · Solar farms along a desert highway in the Tarim Basin, north-west China's Xinjiang, have been powering wells to extract groundwater and irrigate sand-fixing trees. The ...

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### Climate, Conservation, Community: Moving the Land Use ...

Oct 19, 2023 · During construction of the Gemini Solar project, Primergy categorized thousands of desert tortoises, kept much of the native vegetation in place, installed panels at different ...



Thailand's solar sector faces hurdles in net ...

Apr 30, 2025 · The Ubonratana Dam hydro-floating solar hybrid power plant in Khon Kaen, Thailand. The country needs to rapidly scale up solar power ...

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Assam's rural solar scheme fails to keep the ...

Mar 31, 2023 · In October 2022, The Third Pole filed Right to Information requests with APDCL to find out the coverage of decentralised renewable ...

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ESL Discussions Lesson on Solar Energy

Jul 8, 2023 · ESL Conversation Lesson Questions: Free classroom handouts. English lesson on SOLAR ENERGY. Use for debates, discussions, speaking, conversations, independent ...

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Maximizing the Benefits of On-Site Renewable Energy ...

Nov 15, 2024 · To achieve sustainability goals while meeting the increasing electricity demands of electrification, organizations are pairing on-site solar PV generation with on-site energy ...

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