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# Hybrid Procurement Contract for Photovoltaic and Energy Storage Containers

What is a hybrid power purchase agreement (PPA)?

Hybrid Power Purchase Agreements are a response to this challenge. A Hybrid PPA combines two or more sources of renewable energy, typically wind and solar, but also potentially including energy storage systems like batteries.

Are hybrid PPAs a viable solution for co-located solar and storage?

Hybrid PPAs are an emerging solution to the challenge of maximising the commercial value of co-located solar and storage. Image: Business Wire. The co-location of renewable generation and energy storage demands new contractual arrangements to make such projects commercially viable.

Are hybrid PPAs a good solution for power infrastructure deals?

Jack Rankin, Miguel Valderrama and Brian Knowles of Pexapark explore how hybrid PPAs are becoming a favoured solution for structuring deals that capture the full value of both assets. In the world of power infrastructure, we may broadly define "co-located" assets as those that share a single connection to the grid.

What are the benefits of hybrid PPAs?

The adoption of Hybrid PPAs offers numerous advantages for both buyers and sellers in the renewable energy market: Enhanced Reliability: By combining multiple renewable sources and energy storage, Hybrid PPAs provide a more stable and reliable energy supply, reducing the risk of intermittent power disruptions.

We discuss these in more detail in [New Tax Credits and Monetization Opportunities for Energy Storage Have the Chance to ...](#)

In the context of decarbonization, the focus of central procurement in hybrid electricity markets has broadened beyond renewables to include electricity storage. Our ...

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Arellano et al. [20] attempted to determine the optimal electricity procurement strategy for large consumers through hybrid PPAs, discussing the possibility of signing PPAs ...

PPAs | The co-location of renewable generation and energy storage demands new contractual arrangements to make such projects commercially viable. Jack Rankin, Miguel ...

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Electricity storage serves as an important facilitation resource for decarbonization. Battery energy storage systems (BESSs), for example, provide multiple functions including ...

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