



# Procurement contract for two-way charging of photovoltaic energy storage cabinet

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Do solar projects need an EPC contract?

In our experience, most utility-scale solar projects use an EPC Contract. An operation and maintenance agreement: This is usually a medium- to long-term Operating and Maintenance Agreement (O&M Agreement) with an Operator. The term of the O&M Agreement will vary from project to project.

What are the different types of procurement contracts?

There are three key types of procurement contracts--power purchase agreements (PPAs) or energy storage services agreements; engineering, procurement, and construction (EPC) agreements; and build-transfer agreements (BTAs)--and several key risks that must be allocated between the parties.

What services are included in a solar PV contract?

The services included by the contractor shall include operation and maintenance of all components of solar PV systems for the life of the contract, as detailed herein.

Do energy storage tolling agreements restrict a developer's use of a battery?

As the energy stored in the battery belongs to the buyer, energy storage tolling agreements will often prohibit or restrict the developer's use of the storage system for station service. The inclusion of this condition requires that the developer enters into a retail service contract for the system's non-storage load.

Select whether to use a two-part procurement, with a Request for Qualifications (RFQ) to select eligible solar vendors followed by a Request for Proposals (RFP) to those vendors, or to issue only an RFP.

Learn about the essential elements of a solar RFP; receive introductory guidance on how to evaluate any proposals received; and be directed towards tools, resources, and sample ...

Background  
Concept Clarification  
Contract Connect  
High-Level Guidance on the Framework  
Your Needs for Knowledge Differ Based On...  
Check Contracts and Policies First  
What We See in Trending Use Cases  
Storage in Different Locations and at Different Scales Can Work Together  
Transmission-connected storage may provide:  
Distribution-connected storage may provide:  
Customer-connected storage (not the focus of this brief)



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may provide: Questions and Answers SPECs Early-Stage Decision (ESD) Model: Practical Guidance in the ESD User's Manual Connect Modeling Is a Big Part of the Process Introduction to the ESD Model Connect Clarification Outsourcing: What, Why & When? Asset acquisition or third-party model (RFO)? ? Broad financing decisions? Optional utility contributions (pros and cons) Sample Schedule Sample Contents for an RFO (Notes on Following Slide) More Lessons Learned Example from a Co-op RFP Getting to "Go" Concept Clarification Contract Connect Readers are reminded to perform due diligence in applying research findings expressed herein to their Solar-Plus for Electric Co-ops (SPECs) was launched to help optimize the planning, procurement, and operations of battery storage and solar-plus-storage for electric cooperatives. SPECs was selected by the U.S. Department of Energy's National Renewable Energy Laboratory (NREL) for Round 2 of the Solar Energy Innovation Network (SEIN). Cliburn and A... See more on [nccleantech.ncsu.edu/2014/04/24/how-to-sign-a-contract-for-energy-storage-system-procurement/](https://nccleantech.ncsu.edu/2014/04/24/how-to-sign-a-contract-for-energy-storage-system-procurement/) There are three key types of procurement contracts--power purchase agreements (PPAs) or energy storage services agreements; engineering, procurement, and construction (EPC) agreements; and ...

The enclosed technical template language is intended to provide only example language for agencies to consider in the process of assembling a solicitation and ultimately a contract for privately financed on ...

This chapter supports procurement of energy storage systems (ESS) and services, primarily through the development of procurement documents such as Requests for Proposal (RFPs), Power Purchase ...

The negotiation of an engineering, procurement and construction (EPC) agreement for a battery energy storage systems (BESS) project typically surfaces many of the same contractual risk ...

Moreover, if the energy storage system is being paired with a renewable energy resource, whether on a hybrid or a co-located basis, then the procurement contracts will need to address ...

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Solar-Plus for Electric Co-ops (SPECs) was launched to help optimize the planning, procurement, and operations of battery storage and solar-plus-storage for electric cooperatives.

Below you can download two sample battery & energy storage tolling agreements--an Energy Storage Facility Agreement from Ontario ISO and an Energy Storage System Power ...

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