

What are the most common EPC pitfalls?

By recognizing these pitfalls early, project owners and contractors can implement proactive measures to ensure a smoother execution. Below are 10 key challenges frequently encountered in EPC contracts, along with actionable strategies to avoid them. 1. Poorly Defined Scope of Work

Are EPC projects risky?

However, they also introduce significant risks that can lead to disputes, delays, and cost overruns if not properly managed. EPC projects involve multiple stakeholders, from owners and financiers to contractors and regulatory bodies.

What makes an EPC project successful?

With a well-structured contract, clear governance, and proactive oversight, EPC projects can achieve efficiency, profitability, and long-term success. The information provided in this post is for reference purposes only and is intended to serve as a guide to highlight key topics, considerations, and best practices.

Why do EPC projects need a governance framework?

Weak governance structures and inadequate oversight in EPC projects can lead to cost overruns, schedule slippage, and poor project execution. Without a well-defined governance framework, key risks such as scope creep, contract non-compliance, and inefficient resource allocation can escalate, jeopardizing project success.

What is an EPC contract?

Engineering, Procurement, and Construction (EPC) contracts are widely used for delivering large-scale industrial projects, particularly in the energy, infrastructure, and process industries. These contracts provide a single point of responsibility, making project execution more streamlined.

What happens if an EPC contractor doesn't have a scope?

Owners may assume that certain project elements are included in the EPC contractor's scope, while the contractor may expect these to be handled through change orders, leading to cost disputes. A poorly defined scope can result in gaps between engineering, procurement, and construction efforts, causing delays in handover between phases.

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Each component involves intricate considerations and collaborative efforts aimed at delivering efficient and reliable energy solutions. ...



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This Guide will discuss these points in connection with the deployment of stand-alone energy storage--both grid-connected and behind the meter--and the development of co-located or ...

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EPC contracts should distinguish between risks that are best managed by the owner (e.g., regulatory approvals) and those best managed by the contractor (e.g., ...

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Andrew Early and Ben Echeverria of EPC Burns & McDonnell continue their list of tips for navigating the choppy waters of battery storage project delivery. This exclusive feature ...

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Here are 10 insights for effective project delivery in today's ever-evolving battery energy storage environment. It's stating the obvious, but having early conversations with local ...

The global energy storage market hit \$33 billion last year [1], but project developers still struggle to balance technical specs with bankable ROI models. Let's unpack the hidden pitfalls.

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