

## A-Core Container

# Carbon emissions from energy storage systems



## Overview

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An analysis of the impact of storage operations on CO<sub>2</sub> emissions in energy systems requires modeling both the generation mix in the electricity system and the operations of ESSs.

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The topic of greenhouse gas (GHG) emissions accounting for battery energy storage systems (BESS) is relatively new and so has not yet been thoroughly addressed by existing organization-level GHG emissions reporting guidance. This EPRI Technical Brief provides an overview of beneficial applications.

The Inflation Reduction Act was an investment in addressing climate change by creating new incentives for clean energy technology such as installing energy storage systems or batteries on the grid. “This is one of the first rigorous analyses that includes new legislation from the Inflation.

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