



# Brasilia Energy Storage Power Production Plant





## Overview

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Located in Brazil's capital city, the Brasilia Energy Storage Plant stands as a pivotal infrastructure project for renewable energy integration. This facility, operational since 2022, addresses the growing demand for stable power supply in urban and industrial zones. In this paper, a 350 MW supercritical combined heat and power (CHP) plant was selected as the research model, and the flexibility was improved by coupling multistage reheat steam extraction thermal energy storage (TES), which can provide more space for new energy power generation.

**Why Energy Storage?** Discover. As renewable energy adoption accelerates in Brasilia, advanced battery systems with robust pressure management and high-voltage capabilities are becoming critical.

**Why em Brasilia - DF.** Self storages s#227;o empresas especializadas em auto armazenamento, destinadas tanto ao p#250;blico pessoa f#27;sica quanto empresas.

3. Brasilia's unique geographical position gives it 2,800+ annual sunshine hours - equivalent to pouring liquid gold on solar panels daily.



## Brasilia Energy Storage Power Production Plant



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