



**SolarTech Power Solutions**

# **Cost reduction solutions for portable power supplies**



## Overview

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How can resourcing power plants save money?

Resourcing power plants according to their needs and usage can generate big savings. Owners of power plants need to reduce costs in response to flattening load growth, the rise of renewables, and changes in the competitiveness of coal to gas. Baseload plants must remain fully resourced to ensure a reliable, low-cost supply of electricity.

What are portable power conversion applications?

Portable power conversion applications present unique and challenging design considerations. Innovative, small electronics require solutions with small footprints. In order to maintain battery life, portable applications require both high conversion efficiency and low standby power dissipation.

How can a power company transform to a sustainable cost reduction?

A transformation to sustainable, ongoing cost reduction starts with understanding the appropriate role or mission for each generation asset in the portfolio. Power companies often segment their generating plants according to their traditional operating characteristics with baseload, intermediate or seasonal plants, and peaking plants.

Why should you buy a portable power station?

Bring big backup power with you with these expert-recommended portable power stations, which can store enough power to charge electronics, appliances, and more.

How can power generation reduce costs?

Reducing costs is always painful, more so when it requires changing the way employees think about work. In power generation, executives and frontline workers optimize to ensure safety and reliability of the power supply. That mission, of course, cannot and should not change.

Are low-cost energy sources affecting wholesale electricity costs?

Electricity loads have flattened, and low-cost generation sources (gas, wind and solar) are taking market share, increasing pressure on wholesale electricity costs.

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### Contact Us

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