Liberty Power Innovations

AI is unlocking a future we can't yet fully imagine, enabled by power that has to think as fast as the computers it powers.

TEMPO



The Future Feels Like

Power as Fast as Your Infrastructure

Tempo is LPI's control and orchestration layer, managing power generation in coordination with highly dynamic data center and AI loads to maintain stable, continuous operation.

The Challenge

Modern AI infrastructure causes rapid load swings that stress power delivery systems and challenge stable operations. Tempo characterizes load behavior and coordinates fast-response assets with generation to keep the system stable and online within tight operating tolerances.

How Tempo Works

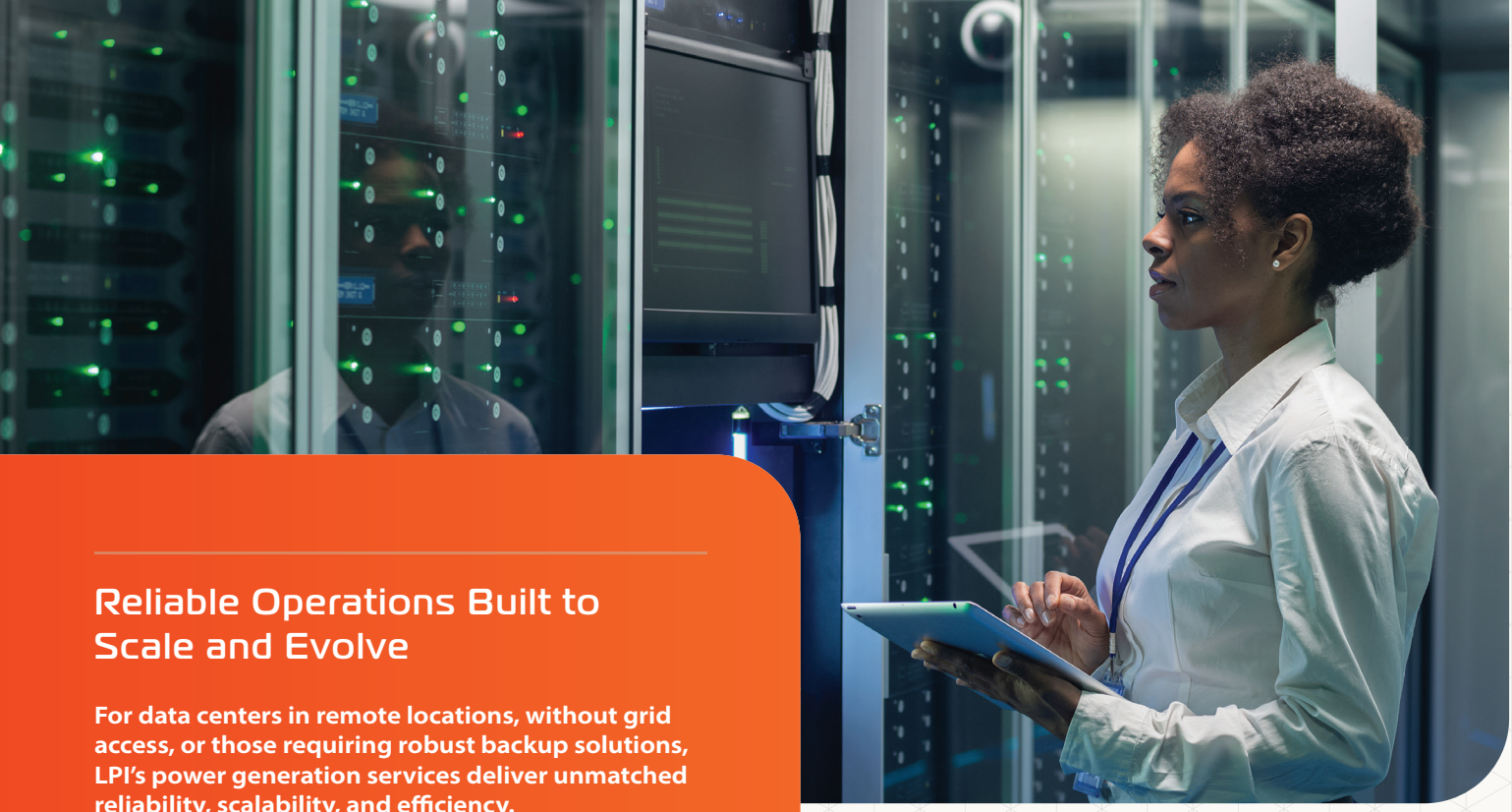
Tempo is a hybrid power and load management architecture that integrates multiple resource types into a unified control system.

At the **power block level,** Tempo continuously balances real and reactive power, monitors transient behavior, and dispatches resources to maintain system stability.

At the **campus level,** Tempo coordinates modular power blocks in a unified system, enabling seamless scalability as capacity requirements grow.

Resource Coordination

Customized by the load profile, Tempo utilizes resource components like supercapacitor/flywheel–inverter systems, battery energy storage systems (BESS), and synchronous condensers (SCs) to respond to rapid load changes and perform power factor correction.



Reliable Operations Built to Scale and Evolve

For data centers in remote locations, without grid access, or those requiring robust backup solutions, LPI's power generation services deliver unmatched reliability, scalability, and efficiency.

Engineered for Your Environment

During the design phase, LPI models the full electrical and operational characteristics of each unique installation. We factor in expected load profiles, redundancy requirements, and curtailment policies to determine the optimal mix of supporting technologies. This process yields a **right-sized solution** that delivers superior transient response, minimizes lifecycle costs, and **scales with your data center's growth.**

Supporting Technology Philosophy

LPI's approach to Tempo is grounded in deploying proven, field-validated components through an engineered system architecture developed in-house. Each Tempo system is customized and reflects real-world operating experience developed in some of the most demanding mobile microgrid environments in oil and gas operations, where rapid load variation is the standard operating condition.

Complete Power Service Stack

Tempo is designed to layer on top of LPI's Forte generation platform. Forte provides the on-site natural gas generation foundation; Tempo adds the intelligent coordination layer that makes that foundation perform at the level AI infrastructure demands.

FORTE

MODULAR NATURAL GAS GENERATION

LPI's power foundation, **Forte is the on-site asset** that Chorus optimizes. Deployable in as little as 12 months, scalable from 25 MW to 1 GW.

CHORUS

POWER ASSET & GRID OPTIMIZATION

Once grid interconnection is established, **Chorus intelligently blends on-site generation with grid power** to achieve the best economic outcome. Buy when grid prices are low, run Forte generation when they rise.

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