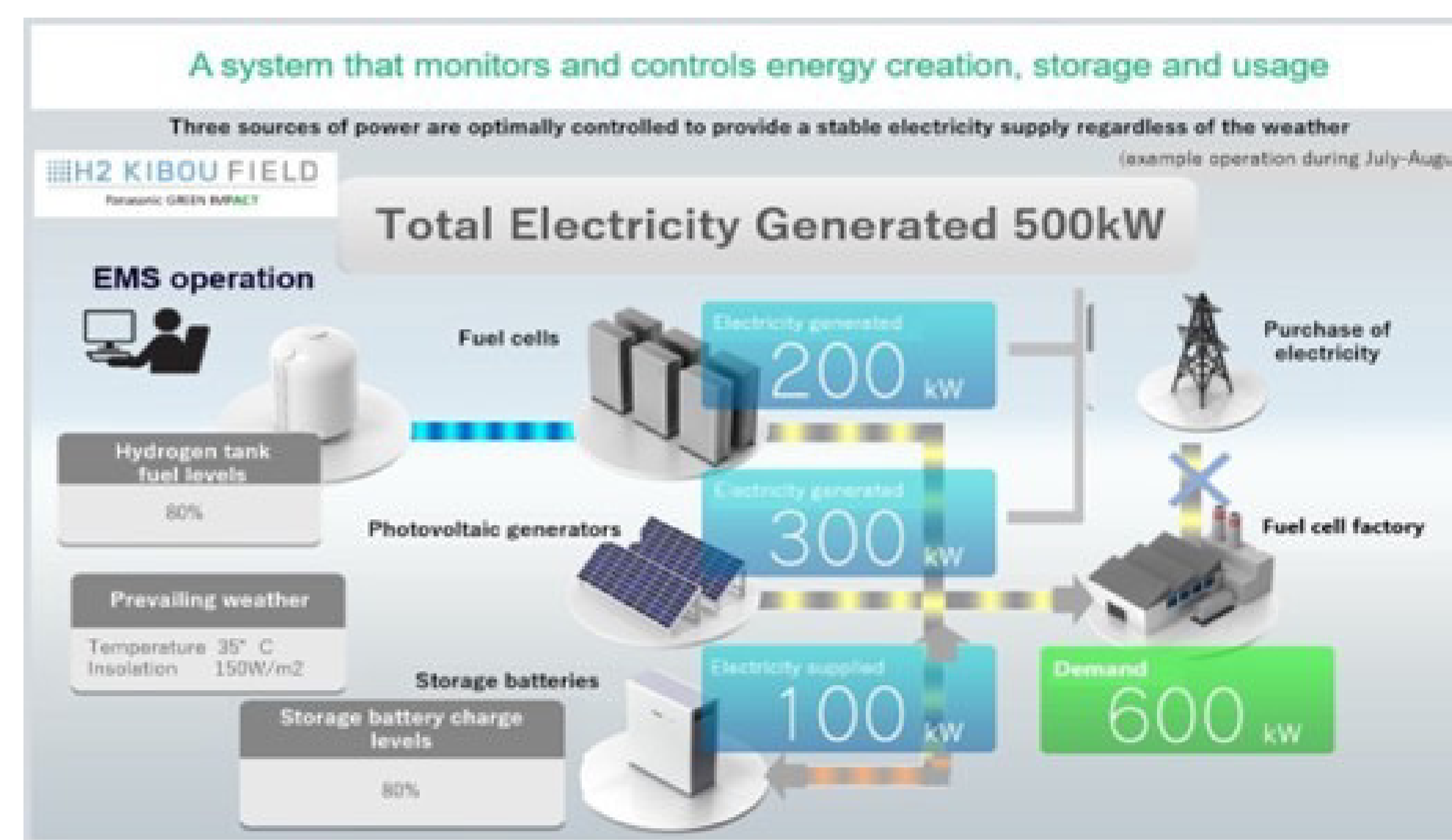


カーボンニュートラル実現に向けて水素で経済社会をリデザイン

Redesign the economy and society using hydrogen towards the realization of carbon neutrality.

3電池連携のエネルギーマネジメントシステムで最適かつ安定した電力供給

A stable and optimized power supply via the energy management system through integrated control of the power generators and the storage batteries



3電池を連携させた当社独自開発のエネルギーマネジメントシステムにより、工場での電力需要データや気象予報データ（将来対応予定）、運転中の機器モニタリング情報を元に電力需要に追従し、太陽電池の発電量の計測から発電パターンを計画します。また、純水素型燃料電池の発電量を計画的に運転調整をしたり、電力の余剰や不足に対し蓄電池を活用する等、最適かつ安定した電力供給を行います。

The energy management system developed by the company and using integrated control of the power generators and the storage batteries enables the power generation system to track and meet all of the site's power needs based on the factory's power demand data, weather forecast data (to be supported in the future), and equipment monitoring data during operation. The system also makes it possible to create power generation plans based on patterns in photovoltaic generators power output measurements. In addition, the system provides a stable, optimized power supply systematically adjusting the output of the pure hydrogen fuel cell generators and using storage batteries to address excesses or shortages.

