

March 27, 2025

Yonden Engineering Co., Inc.
Asunaro Aoki Construction Co., Ltd.
East Japan Railway Company
Japan Green Investment Corp. for Carbon Neutrality (JICN)
JR-EAST Energy Development Co., Ltd.
WWB Corporation
Chubu Plant Service Co., Ltd.
Mitsubishi Research Institute, Inc.
GS Yuasa International Ltd.

Established Hokkaido Sapporo Battery Energy Storage LLC
and Held a Safety Prayer Ceremony for the Launch of Grid Scale Battery Energy Storage Project
-Toward Achieving Carbon Neutrality by 2050

Yonden Engineering Co., Inc. (Head office: Takamatsu City, Kagawa Prefecture; President and CEO: Keiichi Kurokawa), Asunaro Aoki Construction Co., Ltd. (Head office: Minato Ward, Tokyo; President and CEO: Yasushi Tsujii), East Japan Railway Company (Head office: Shibuya Ward, Tokyo; President and CEO: Yoichi Kise), Japan Green Investment Corp. for Carbon Neutrality (Head office: Minato Ward, Tokyo; President and CEO: Yoshihiko Tayoshi), JR East Energy Development Co., Ltd. (Head office: Chiyoda Ward, Tokyo; President and CEO: Yutaka Oguchi), WWB Corporation (Head office: Shinagawa Ward, Tokyo; President and CEO: Takuro Sasao), Chubu Plant Services Co., Ltd. (Head office: Nagoya City, Aichi Prefecture; President and CEO: Akira Kuriyama), Mitsubishi Research Institute, Inc. (Head office: Chiyoda Ward, Tokyo; President and CEO: Kenji Yabuta), and GS Yuasa International Ltd. (Head Office: Kyoto City, Kyoto Prefecture; President and CEO: Takashi Abe) have jointly established Hokkaido Sapporo Battery Energy Storage LLC and will be engaged in the grid scale battery storage project (hereinafter referred to as the "Project") in Sapporo City, Hokkaido.

The Project is supported by subsidies from government in FY 2024-2027.

Since the amount of power generated by renewable energy depends on the weather and is unstable, the effective use of surplus renewable energy and the ability to adjust power fluctuations are issues for the expansion of the introduction of renewable energy in Japan. Energy storage systems for grids help stabilize the power grid by making effective use of surplus power and providing the capacity to adjust supply and demand. By fulfilling these roles, the energy storage plant will promote the expansion of renewable energy and the associated reduction in greenhouse gas emissions, contributing to the 2030 energy mix and the achievement of carbon neutrality in 2050.

Prior to the commencement of construction of the plant, a safety prayer ceremony was held in Sapporo, Hokkaido on March 27, 2025. Approximately 60 people involved in the project and construction attended

and prayed for the high quality completion of the construction without accident or injury.

Outline of the LLC

Trade name	Hokkaido Sapporo Battery Energy Storage LLC	
Address	Takamatsu City, Kagawa Prefecture	
Representative Member	Yonden Engineering Co., Inc.	
Project Description	Construction and operation of the energy storage plant Connect the energy storage plant to the power grid, charge the surplus electricity, and sell it during peak demand periods to generate revenue	
Role of investors	Yonden Engineering Co., Inc.	EPC, O&M technical support, System Interconnection
	Asunaro Aoki Construction Co., Ltd.	Civil engineering works in EPC
	East Japan Railway Company	Management of power trading results
	Japan Green Investment Corp. for Carbon Neutrality (JICN)	Financing and fund raising
	JR-EAST Energy Development Co., Ltd.	Management of power trading results
	WWB Corporation	Securing power grid connections, System Interconnection , and dealing with local and government regarding land acquisition
	Chubu Plant Service Co., Ltd.	O&M technical support
	Mitsubishi Research Institute, Inc.	Development of battery operation plan (provision of MERSOL*)
GS Yuasa International Ltd.	Supply and maintenance of Battery Energy Storage System	

* A service that develops optimal operation plans for distributed energy resources such as storage batteries

Overview of the Energy Storage Plant

Energy Storage Plant Name	Hokkaido Sapporo Battery Energy Storage Plant
Construction Site	Sapporo, Hokkaido
Output	10MW
Battery Capacity	30MWh
Operation Start	April 2027 (scheduled)

Image of Energy Storage Plant



(Reference) Project and Investment Scheme

