

October 26, 2022
Shizen Energy Inc.

Shizen Energy and Dynax start construction of off-site PPA model solar facility in Tomakomai industrial area in Hokkaido

Shizen Energy Inc. (Shizen Energy) and Dynax Corporation (Dynax) have signed a Power Purchase Agreement (PPA Agreement) for the installation of a solar power plant facility utilizing a direct supply off-site PPA model. This project is located in the Tomakomai Eastern Area (Tomatoh Area), Hokkaido, which is the largest industrial area in Japan. The land for the solar power facility will be leased by Tomatoh Inc. (Tomatoh) for the duration of the project.

Under this agreement, Shizen Energy will use the PPA model (*1) to install solar power generation facilities, manage supply and demand, and provide operation and maintenance services. Through this project, Dynax will contribute to the realization of a decarbonized and regenerative society by shifting from fossil fuels to renewable energy sources in the procurement of energy for its business operations. In this project, while the power source is installed off-site, a self-operated line is laid in the Tomatoh Area's transportation space (*2), enabling direct supply from the power generation facilities to the point-of-demand.

Under this project, construction of a new 3.85 MWp solar power generation facility will begin in November 2022 on 63,721 square meters of leased land in the Tomatoh Area's Rinku Kashiwabara district. The electricity generated by this facility will be consumed 100% in-house at Dynax's Tomakomai Plant, in Tomakomai City, contributing to reducing CO2 emissions and energy consumption. This project is one of the largest Shizen Energy projects in Japan using the corporate PPA scheme, and also one of the largest self-consumption/self-operated line type corporate PPAs in Hokkaido.

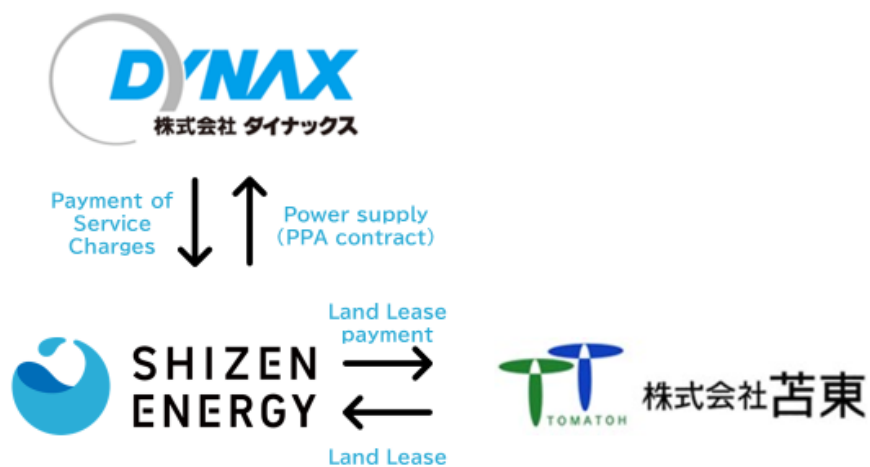
In order to “take action for the blue planet”, Shizen Energy will respond flexibly to various needs such as decarbonization and strengthening energy resilience by combining the development of renewable energy sources in harmony with local communities with digital technologies such as EMS and storage batteries. Together with our partners, Shizen Energy aims to realize a 100% renewable energy world as soon as possible.

Project Overview

output	3.85MWp (DC) 、 2.75MW (AC)
location	Dynax Tomakomai Plant (Tomakomai City, Hokkaido)
start of construction	November 2023
start of operation	November 2023

【Reference】

< Project Structure / Overview >



< Solar power plant installation area >



※1 PPA (Power Purchase Agreement) : A power purchase contract scheme in which a power producer generally installs, owns, and manages power generation facility at its own expense, and provides and sells the power generated by the facility to the consumer on a long-term basis. An off-site PPA is a contract method in which a power producer (including developer, investor, etc.), which is the owner of the renewable energy power source, and a purchaser of the power (customer, etc.) conclude a sales contract for renewable energy power at a price and period agreed upon in advance, and the renewable energy power generated by the renewable energy power source installed at an off-site location other than where the power is consumed and is supplied to the consumer through the general power grid or by other means. The definition of the Offsite PPA refers to ENVIRONMENTAL TECHNOLOGY ASSOCIATION.

※ 2 Transportation space is land dedicated for laying industrial infrastructure such as water, sewer, and gas pipes.

Press Release

【About Dynax Corporation】

Dynax is a manufacturer of drivetrain components for automobiles and construction machinery. Headquartered in Chitose, the company also has production bases in Tomakomai, the United States, China, Mexico, and Hungary, making it a global company originating from Hokkaido. Dynax has one of the world's largest shares in clutch discs used in automatic transmissions for automobiles, and the clutch discs are used in vehicles made by major domestic and foreign automakers. In recent years, the company has also focused on the development of in-wheel motors and invaders as products for electric vehicles. In FY2021, the company launched its New Field Creation Department to develop derivative products using friction materials and to enter other industrial sectors.

Headquarters: 1053-1 Kamiosatsu, Chitose, Hokkaido

President: Kazuhiro Ito

URL: <https://www.dynax-j.com/>

【About Tomatoh Inc.】

Established in July 1999 for the purpose of developing the Tomatoh area. The Tomatoh area, the largest industrial area in Japan with a total area of 10,700 ha, has excellent land, sea, and air transportation access as well as potential for the introduction of renewable energy. Currently, the company is working towards the realization of a carbon neutral society, and is structuring projects for corporate PPA business, hydrogen and ammonia business, as well as the development of regional microgrids and CCUS.

Headquarters: 221-1, Aza Kashiwabara, Tomakomai-shi, Hokkaido

Representative Director: Yasuhiro Tsuji

• URL : www.tomatoh.co.jp

【About Shizen Energy Inc.】

Press Release

Founded in June, 2011. With the company purpose of “We take action for the blue planet”, the company’s business includes development, financing, and asset management of renewable energy power plants using solar power, wind power, small-scale hydroelectric power, and biomass. Since 2016, the company has also been focusing on its overseas operations, expanding its development and power generation projects in areas such as Southeast Asia and Brazil. In 2019, the company also entered the energy tech business, offering micro-grid and VPP construction, smart charging and discharging services for EVs, and other services through its self-developed EMS (energy management system). Shizen Energy Group has been involved in more than 1 GW of renewable energy generation in Japan and overseas.

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