

February 22, 2023
Shizen Energy Inc.

Shizen Energy launches Renewable Energy Certificate service Company-owned/funded solar and wind power plants in Vietnam registered for I-REC

Shizen Energy Inc. (Shizen Energy) has launched a new service to provide renewable energy certificates, including non-fossil energy certificates with tracking, that are in adherence with major international sustainability standards such as RE100 (*1) and CDP (*2). Specifically, in Japan, the company will procure and provide non-fossil energy certificates with tracking and J-Credits, while internationally it will procure and provide I-RECs (*3), which more than 50 countries comply with, as well as GOs and TIGRs.

Regarding I-RECs, Shizen Energy has registered Phuong Mai 3 Wind Farm and Hau Giang Solar Power Plant in Vietnam, as I-REC accredited facilities. Shizen Energy is the investor and asset manager of both facilities. In addition to procuring from the market, by registering its own power plants as I-REC accredited facilities, the company will be able to provide a long-term, stable supply of renewable energy certificates that are not greatly affected by market prices.

Renewable Energy Certificates are an effective and affordable way for companies wishing to start decarbonization efforts. In the future, Shizen Energy plans to add the types of Renewable Energy Certificates it offers in Japan and internationally, in order to respond flexibly to the various needs of customers. In addition, Shizen Energy is accelerating its business development and construction in Southeast Asia, and plans to supply additional I-RECs derived from its own renewable energy power plants in the future.

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

*1 **RE100**: a global corporate renewable energy initiative bringing together hundreds of large and ambitious businesses committed to 100% renewable electricity.

*2 **CDP**: a not-for-profit charity based in the U.K. that runs the global disclosure system for investors, companies, cities, states and regions to manage their environmental impacts.

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*3 **I-REC**: a renewable energy certificate widely used in countries and regions other than Europe and North America. The International REC Standard Foundation (I-REC Standard), based in the Netherlands, is responsible for facilitating the standardization. It is issued and used in over 50 countries worldwide and can be used for RE100, CDP, and SBT.

Renewable Energy Certificate Service website:
<https://www.shizenenergy.net/en/service/e-certificate/>

Renewable Energy Certificates to be offered

Japan	<ul style="list-style-type: none"> • non-fossil energy certificates with tracking • J-Credit
International	<ul style="list-style-type: none"> • I-REC (International Renewable Energy Certificate) • GO (Guarantee of Origin): available in 27 EU member countries, Iceland, Switzerland, Serbia, and Norway, with the European Union (EU) and the Association of Issuing Bodies (AIB) responsible for standardization. • TIGR (Tradable Instruments for Global Renewables): available in countries and regions except North America, where An Xpansiv Company (APX), based in California, USA, is responsible for standardization. • REC (Renewable Energy Certificate) : available in the U.S. and Canada and are standardized by the State Public Utilities Commission or the Center for Resource Solutions (CRS).

Process for issuing non-fossil fuel certificates with tracking



I-REC registered power plants

name	Phuong Mai 3 Wind Farm	Hau Giang Solar Power Plant
location	Binh Dinh Province, Vietnam	Hau Giang Province, Vietnam
power producer	Central Wind Power Joint Stock Company	VKT-Hoa An Joint Stock Company
role of Shizen Energy	Investor, Asset Manager	Investor, Asset Manager

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output	21MWp	35MWp (DC)
start of operation	March 28, 2020	December 26, 2020

Power plant photo

Phuong Mai 3 Wind Farm



Hau Giang Solar Power Plant



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【Shizen Energy Inc.】

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 international 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 internationally.

URL : <https://www.shizenenergy.net/en/>

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