

Press Release

October 16th, 2020
Shizen Energy Inc.

Shizen Energy Completes Construction of the Third Solar Power Plant in Brazil To Supply Power to the Local Bakery Chain

Shizen Energia do Brasil Ltda ("Shizen Brazil"), a joint venture of Shizen Energy Inc. ("Shizen Energy") from Japan and local partner MS Consultoria e Suporte, and Brazilian real estate developer Espaço Y held a completion ceremony on September 19th, 2020 for the solar power plant located in Brasilia, Brazil. The construction of the plant began in June 2020, and began commercial operations in September 2020.

This project has built a 0.9MW (DC) solar plant that will operate in Brasilia, Brazil. Power generated by the plant will be supplied through a remote net-metering system to the 5 stores of the local bakery chain, Cinco Estrelas Casa de Pães ("Cinco Estrelas"). This project is expected to reduce the cost of electricity by more than 30% from the current cost.

One of Cinco Estrelas directors, Samyra Bomtempo, said "We are delighted with the completion of the installation works of our solar power plant. Renewable energy power plants like this one contribute to building a more sustainable planet, and we are more than satisfied that we will be decreasing our energy expenditure in the process. We are confident this was the right decision for all the stakeholders".



Directors of Cinco Estrelas (from left: Gabriela Bomtempo, Simone Bomtempo, Samyra Bomtempo)

Advocating "We take action for the blue planet" as its purpose, Shizen Brazil will utilize renewable energy power plant expertise from Japan as it continues striving to boost the prevalence of renewable energy power plants, and build a sustainable society according to the needs of Brazil.

*1: "Net-metering" is a utility billing mechanism for distributed energy system owners. With net-metering, consumers are only billed for the difference between the energy purchased and consumed from the grid, and the energy generated by their own facilities. When the amount of generated power surpasses that of consumption, the surplus can be carried forward to the following month. In the U.S., net-metering is adopted in 43 out of 50 states and in Washington D.C. In November 2015, the Brazilian government revised its laws regarding net-metering and is facilitating the introduction of renewable energy.

[Project Outline]

Location of PV Power Plant	Brasilia, Brazil
PV Power Plant owner	Espaço Y and Shizen Brazil
Output of PV Power Plant	921kWp (DC)
Start of construction	29 th , June, 2020
Grid connection date	31 st , August, 2020

[Picture of the solar power plant]



[About Espaço Y]

Founded 25 years ago, Espaço Y operates multiple businesses, including Real Estate development, construction, call center, and others. Espaço Y is a local reference in the construction, property, and telco industries. The company joined the renewable energy segment in 2018 after announcing a partnership with Japanese Shizen Brazil. Espaço Y's stalwart is to develop great places to live, and to do so with a commitment to social responsibility and sustainable development.

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[About Shizen Energy Inc.]

Founded in June 2011 with the mission of “We take action for the blue planet.”, Shizen Energy group has contributed to the development of approximately 1 gigawatt (as of the end of December 2019) worth of renewable energy across Japan. It is engaged in all services required for the installation and operation of solar, wind, small hydroelectric, and other renewable energy power plants, such as development, EPC (engineering, procurement, construction), O&M (operation and maintenance), electricity retail market, and asset management. The company intends to construct photovoltaic power plants in countries around the world, beginning with the regions of Asia and South America. More specifically, in 2018, it launched the construction of such plants in Indonesia and Brazil.

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