

July 14<sup>th</sup>, 2016  
juwi Shizen Energy Inc.

## **Start of Construction on a 14 MW PV Power Plant in Ishinomaki (Miyagi)**

juwi Shizen Energy Inc. (headquarters: Hongo, Bunkyo Ward, Tokyo, Japan; Representative Directors: Masaya Hasegawa and Raghuram Natarajan; hereinafter referred to as “juwi Shizen Energy”) has received an order for the EPC (engineering, procurement, and construction) of a solar power plant called the Ishinomaki Numazu Photovoltaic Power Plant with an output of approximately 14 MW (DC, direct current) from Ishinomaki Kizuna GK – a company invested by the General Electric (GE) group company GE Energy Financial Services and Trina Solar Limited.

This power plant will use the 220,000 m<sup>2</sup> site of the former golf course in Miyagi prefecture’s Ishinomaki city. Its annual generated energy output is projected to reach approximately 16,000 megawatt hours (16 million kilowatt hours), which is the equivalent to the annual amount of power consumed by 4,400 ordinary homes. The power it generates will be sold to Tohoku Electric Power Co., Inc. under the country’s Feed-in Tariff (FIT) for renewable energy.

Trina Solar Japan Energy Co., Ltd. (headquarters: Hamamatsucho, Minato Ward, Tokyo, Japan; Representative Director: Carlos Garcia Garcia), a wholly-owned subsidiary of Trina Solar, is in charge of development and management for this project, while juwi Shizen Energy is responsible for EPC. Also, juwi Shizen Energy Operation Inc. (headquarters: Hongo, Bunkyo Ward, Tokyo, Japan; Representative Directors: Kumiko Isono and Raghuram Natarajan) will be responsible for O&M (operation and maintenance). The construction method will aim to install a large number of panels in a limited area and will thus employ platform dimensions and construction techniques suitable for the soil type and sloped surfaces.

juwi Shizen Energy was established in 2013 as a joint venture between Shizen Energy Inc. (headquarters: Arato, Chuo Ward, Fukuoka City, Fukuoka Prefecture, Representative Directors: Ken Isono, Kenji Kawado, and Masaya Hasegawa; hereinafter referred to as “Shizen Energy”), whose activities include the development of and securing of funding for renewable energy power plants, and juwi AG, a company headquartered in Germany that is involved in development and EPC for renewable energy around the world. As well as being involved in Shizen Energy’s development projects, juwi Shizen Energy also takes orders for EPC-only construction projects and at the end of May 2016 completed construction of a large-scale photovoltaic power plant on a former golf course in Japan’s Iwate prefecture that has an output of approximately 25 megawatts (DC). juwi Shizen Energy shall henceforth continue to leverage the knowledge and experience it has accumulated through its global operations and aim to contribute to the increased use of renewable energy and the construction of a sustainable society both in

PR\_No.70

Japan and overseas by providing EPC solutions that correspond to the needs and circumstances of the area in which a power plant is to be established.

[Project outline]

Name of power plant	Ishinomaki Numazu Photovoltaic Power Plant
Location	Aza Obayashiyama Numazu, Ishinomaki City, Miyagi Prefecture
Project owner	Ishinomaki Kizuna GK * GK is a limited liability company established to hold the power plant invested by GE Energy Financial Services (85%) and Trina Solar (15%)
Development	Trina Solar Japan Energy Co., Ltd.
EPC	juwi Shizen Energy Inc.
O&M	juwi Shizen Energy Operation Inc. (planned)
Power plant area	Approximately 220,000 m <sup>2</sup>
Generated energy output	Approximately 14 MW (DC), 10 MW (AC)
Estimated annual generated energy output	Approximately 16 million kWh/year (equivalent to the annual amount of power consumed by 4,400 ordinary homes)
Start of construction	July 12, 2016
Start of operation	Summer 2017

[Photo of the groundbreaking ceremony]



©juwi Shizen Energy Inc.

PR\_No.70

[About GE Energy Financial Services]

Established in 1980. Group company of GE (General Electric).

- Headquarters: Stamford, Connecticut, USA
- CEO: David Nason
- Business: Investment in the field of energy

[About Trina Solar Limited]

Established in 1997.

- Headquarters: No. 2 Tian He Road, Trina PV Industrial Park, New District, Changzhou, Jiangsu, People's Republic of China
- CEO: Jifan Gao
- Business: Solar modules manufacturing and sales , and downstream solar projects development, operation and sales

[About Trina Solar Japan Energy Co., Ltd.]

Established on March 9, 2015 as a wholly-owned subsidiary of Trina Solar.

- Headquarters: World Trade Center Building 21F, 2-4-1 Hamamatsucho, Minato Ward, Tokyo, Japan
- Representative Director: Carlos Garcia Garcia
- Business: Development, Design, Procurement, Construction, and O&M for photovoltaic electricity generation system projects

[About juwi Shizen Energy Inc.]

Founded in 2013 as a joint venture of Shizen Energy Inc. which develops renewable energy-based power plants and procures related funding, and juwi AG, a globally active renewable energy development and EPC firm headquartered in Germany. Completed 40 projects in total as of end May 2016 around Japan.

- Head office: Hongo Fuji Bldg. 2F/3F, 4-9-22 Hongo, Bunkyo Ward, Tokyo
- Managing directors: Masaya Hasegawa and Raghuram Natarajan
- Phone: +81-3-3868-0344
- URL: <http://www.shizenenergy.net/en/company/overview/juwi-shizen-energy.html>
- Business: Engineering, procurement and construction of solar, wind and the other renewable energy power plants.

[About juwi Shizen Energy Operation Inc.]

Founded in 2013 as a joint venture of Shizen Energy Inc. which develops renewable energy-based power plants and procures related funding, and juwi AG, a globally active renewable energy development and EPC firm headquartered in Germany. Supplies O&M services for over 90

PR\_No.70

megawatts of solar power plants as of end May 2016 around Japan.

- Head office: Hongo Fuji Bldg. 2F/3F, 4-9-22 Hongo, Bunkyo Ward, Tokyo
- Managing directors: Kumiko Isono and Raghuram Natarajan
- Phone: +81-3-3868-0344
- URL: <http://www.shizenenergy.net/en/company/overview/juwi-shizen-energy-op.html>
- Business: Engineering, procurement and construction of solar, wind and the other renewable energy power plants.

[About Shizen Energy Inc.]

Established in 2011. Shizen Energy's involvement in the solar power generation business has amounted to 700 megawatts (as of the end of 2015) as a Group. Shizen Energy develops renewable energy-based power plants and procures related funding as well as operates as IPP. Also launched wind and small hydroelectric power generation business since 2015.

- Head office: Fukuoka Ohori Bldg. 3F/ 6F, 1-1-6 Arato, Chuo Ward, Fukuoka City, Fukuoka
- Managing directors: Ken Isono, Kenji Kawado, Masaya Hasegawa
- Phone: +81-92-753-9834
- URL: <http://www.shizenenergy.net/en/>
- Business: Development and fundraising for solar, wind, small hydroelectric and the other renewable energy power plants. Holding and operating owned solar power plants

For inquiries: Yoshiko Kawamura (Press Manager) juwi Shizen Energy Inc.

+81-3-3868-0344, [jse-comm@shizenenergy.net](mailto:jse-comm@shizenenergy.net)