

GF, Kyocera, Kyudenko, and Tokyo Century Announce Opening of Approx. 100MW Solar Power Plant in Kagoshima, Japan

GF Corporation, Kyocera Corporation, Kyudenko Corporation, and Tokyo Century Corporation announced that Kanoya Osaki Solar Hills LLC, a solar power venture jointly established by the four companies, has started operating its "Kanoya Osaki Solar Hills Solar Power Plant" — the largest power plant in Kyushu^{*1} — with peak generating capacity of approximately 100 megawatts (MW).



Kanoya Osaki Solar Hills Solar Power Plant

Project Overview

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| Project name | Kanoya Osaki Solar Hills Solar Power Plant |
| Location | Kanoya City and the Town of Osaki in Kagoshima Prefecture, Japan |
| Output | Approx. 100MW |
| Annual power generation (Estimated) | Approx. 117,000MWh/year Equivalent to approx. 39,300 typical households ^{*2} |
| Solar modules | 356,928 Kyocera-produced solar modules |
| Total investment | Approx. 40 billion yen |
| Electricity purchasing company | Kyushu Electric Power Co., Inc. |
| Features | <ol style="list-style-type: none"> 1. Environmentally friendly power plant designed to make minimal land redevelopment impact. 2. Employs new solar-module installation method designed for steep mountainside locations. <p>(Introduction of spider machines and trestles for slopes)</p> |

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| | 3. Rapid construction system will allow installation at the rate of 10 MW per month |
| Project timeline | April 3, 2017: Start of construction March 10, 2020: Start of operation |

Project planning began in January 2014, as the local community expressed interest in repurposing land designated for a golf course more than 30 years ago that was subsequently abandoned. The site uses 356,928 Kyocera solar modules and is expected to generate approximately 117,000MWh — enough electricity to power roughly 39,300 typical households*², offsetting about 62,420 tons of CO₂ emissions per year.

Under the agreement, Kanoya Osaki Solar Hills LLC will manage operations of the facility. A consortium established by Kyudenko and GF is undertaking design, construction, and maintenance of the power plant, and Kyocera is supplying high-efficiency solar modules. Tokyo Century is responsible for the financing arrangement, with Tokyo Century and The Bank of Fukuoka, Ltd. jointly arranging a syndicated loan with 17 regional banks.

Kanoya Osaki Solar Hills LLC has been working on the construction of the site with the cooperation of Kagoshima Prefecture, Kanoya City, the Town of Osaki, and other members of the community. We believe that this installation will contribute greatly to the local community through the creation of jobs and increased tax revenues in both Kanoya and Osaki. In addition, considering the site’s impact on its surrounding natural environment, we aimed to build a power plant with an environmentally friendly design to minimize land development impact.

Through this project, we will continue to promote renewable energy, environmental protection and a more sustainable society.

Company Overview

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| Company name | Kanoya Osaki Solar Hills LLC |
| Location | Kanoya City, Kagoshima Prefecture, Japan |
| Established | May 27, 2014 |
| Shareholders | GF Corporation: 72.7% Kyocera Corporation: 9.1% Kyudenko Corporation: 9.1% Tokyo Century Corporation: 9.1% |

*1. Among operating solar power plants. Based on research by the four companies (as of April 1, 2020)

*2. Based on average annual use of 2,973.6kWh per household. Source: Japan Atomic Energy Organization (Graphical Flip-chart of Nuclear & Energy)