

May 16, 2018  
Marubeni Corporation

## Commercial Operation Begins and an Opening Ceremony is Held for A Small Hydro Power Plant in Shiroishi City, Miyagi

Today, an opening ceremony was held in Shiroishi City, Miyagi Prefecture to commemorate “Miyagi Shiroishi Power Station” (a small hydro power plant for which construction was completed in April 2018 and commercial operation began on April 9<sup>th</sup>, 2018) which is operated and managed by Marubeni Corporation’s (hereinafter, “Marubeni”) fully owned subsidiary, Mibugawa Power Company.

This hydro power plant project included the installation of a water turbine generator in the water pipe that stretches from “Nanbuyama Water purification plant” to a low ground regulating pond, which is managed by Miyagi Prefecture Sennan-Senen Regional Water Utility Office\*. The plant will generate power via “water utility utilization type hydroelectric power generation” which makes use of water head and discharge from the purification plant to the regulating pond. Expected annual power generation will cover the annual electric power consumption of 150 ordinary households and the generated power will be sold for over 20 years under Japan's feed-in-tariff scheme.

Small hydroelectric generation is an environmentally friendly business compared to large-scale hydroelectric generation (which requires dam construction) and it has also been highlighted as a power source with high potential amidst the advancing diversification of power sources. The plant generates environmentally friendly energy by utilizing the unused energy of the public water service infrastructure.

Marubeni began operating small hydro power plants in Japan through Mibugawa Power Company in 2000, and to date has built 8 hydro power plants in Nagano Prefecture, 3 in Yamanashi Prefecture, 3 in Fukushima Prefecture, and 3 in Hiroshima Prefecture, making this project its 18<sup>th</sup> small hydro power plant. Marubeni will continue to promote the development of power plants with various renewable energy sources latent all over Japan. Marubeni will gain even more experience in the field, supply stable and safe energy via natural energy, and strive to contribute to local development in the cities where such power generation projects are located.

\* Sennan-Senen Regional Water Utility Office, operated by Miyagi Prefecture, supplies safe and stable water to 17 cities and towns in the Senan and Senen areas using Shichikasyuku Dam as a water source.

# Marubeni

## ■Mibugawa Power Company

Head office: 7-1, Nihombashi 2-chome, Chuo-ku, Tokyo, Japan

Representative: Wataru Ikushima (President)

Establishment: 1960

Capital: JPY 250 million

## ■Details for the Hydro Power Plant

Name of the Plant	Location	Output
Miyagi Shiroishi Power Station	Shiroishi City	95kW

## ■Picture of the Plant



Hydro Generator



Building of an interconnection board