



NEWS RELEASE

April 20, 2015
MITSUI MINING & SMELTING CO., LTD
(MITSUI KINZOKU)

Notice Regarding Large-Scale Rennovations of Hydroelectric Power Stations

Mitsui Mining & Smelting Co., Ltd. (hereinafter “Mitsui Kinzoku”) (President: Sadao Senda) hereby announces a resolution to carry out large-scale renovations of hydroelectric power stations owned by its 100% subsidiary, Kamioka Mining and Smelting Co., Ltd (Hida City, Gifu Prefecture).

Mitsui Kinzoku regards the preservation of the global environment as one of its most important corporate management issues, and has made it a part of its management philosophy to act with care and consideration for environmental conservation in all aspects of its business activities. In recent years, Mitsui Kinzoku is proactively engaged in efforts to develop renewable sources of energy, such as geothermal, hydroelectric and solar power.

For this project, between 2015 and 2018 Mitsui Kinzoku will implement a major renewal of five of the hydroelectric power stations owned by Kamioka Mining and Smelting, located on the Sugoroku and Atotsu water systems. These power stations commenced operation between 1920 and 1964. With delapidation worsening progressively in recent years and the plants approaching a state under which they will be forced to halt operation at some point in the future, it is necessary to carry out large-scale renovation work. Work will consist of the renewal/replacement of almost all equipment and facilities, as well as equipment required for interconnection with power-company electrical grids. Mitsui Kinzoku plans to sell all electrical power generated over the initial 20 years of operation to the power companies. In carrying out this large-scale renovation work, Mitsui Kinzoku will give sufficient care and concern to the surrounding environment and take every possible safety precaution.

Mitsui Kinzoku is confident that the large-scale renewal of these power stations will enable them to contribute to the expansion of clean energy usage. In addition, moving forward, Mitsui Kinzoku will continue to make efforts to carry out its business activities in a manner that pays due care and consideration to the global environment, and to fulfill its duties to contribute to environmental conservation and to society.

[Overview of Hydroelectric Power Plant Renovation Work]

- (1) Plants subject to renovation: Sugoroku water system
(Kanakido power plant, Kanakido No.2 power plant)
Atotsu water system
(Atotsu power plant, Do No.1 & No.2 power plants)
- (2) Maximum power output after renewal: approximately 35,000 kW
- (3) Details of renovation work: renewal/replacement of headraces (intakes), penstocks, turbines, generators and main transformers of each power station, and their power transmission lines etc.
- (4) Amount invested: approximately ¥22 billion

(For more details, please contact the following office)
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【References】



Power Plant Name	Use rivers	Power generation start time	Maximum power output (after Renovation)	Renovation plan period
Kanakido No.1	Sugoroku	July 1953	18,000kW (18,252kW)	June 2015 to August 2017
Kanakido No.2	Sugoroku	May 1964	850kW (886kW)	June 2016 to September 2017
Atotsu	Atotsu	February 1925 (The enhancement in October 1981)	11,850kW (13,026kW)	April 2016 to May 2018
Do No.1	Atotsu	February 1920 (The enhancement in April 1989)	1,650kW (1,865kW)	April 2016 to July 2018
Do No.2	Atotsu	February 1936	1,000kW (1,126kW)	April 2017 to August 2018
Higashiurushiyama	Takahara	May 1964	860kW	
Wariishi	Takahara	January 1917 (The enhancement in August 1977)	2,000kW	
Shikama	Takahara	June 1964	240kW	
Tengenouchiwa	(Mozumi underground)	June 2014	70.9kW	
Wasabo	Wasabo	May 2015 (Plan)	840kW	