

The World's Highest-Performance Electrical Cable to Support Power Demand

Registration No.	Number 00173		
Registration Date	September 2, 2014	Registration Category	Category 1

Name (Model, etc.)	66kV Single-Core 675mm ² OF Cable
Location	Yokohama City, Kanagawa
	Tokyo Electric Power Co., Inc.
Owner (Custodian)	Tokyo Electric Power Co., Inc.
Manufacturer (Company)	Sumitomo Electric Wire & Cable Works (now Sumitomo Electric Industries, Ltd.)
Year Manufactured	1930
Year first appeared	1930
Reason For Selection	Japan's first use of 66kV OF cable. A 275m section of the Nihon Denryoku Ogu line was laid in 1930 and continued to operate for 55 years. The OF cable, which used oil-immersed insulating paper for insulation and had insulating oil injected into the metal sheath, remained completely insulated for 80 years and made a significant contribution to the formation of the underground power transmission network. Currently, OF cables of up to 500kV are being put to use.
Registration Standard	1 - A(Show an important aspect or stage of the development of science and technology.)

Open/Closed to Public	Closed to Public
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Photo	
Other useful information	