


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

Registration No.	Number 000176		
Registration Date	September 2, 2014	Registration Category	Category 1
Name (Model, etc.)	66kV OFZN 675mm ² Cable (TEPCO Higashi-Ogu Substation)		
Location	Osaka City, Osaka		
	Sumitomo Electric Industries, Ltd., Osaka Works		
Owner (Custodian)	Sumitomo Electric Industries, Ltd.		
Manufacturer (Company)	Sumitomo Electric Industries, Ltd.		
Year Manufactured	1930		
Year first appeared			
Reason For Selection	Japan's first 66kV OF cable (paper insulated oil-filled power cable). Used in 1930 for a 1,710m power transmission line between the (then) Nihon Denryoku Tokyo Keihoku and Ogu Substations. Many improvements were made to OF cable and it is still used for power transmission due to its high reliability, along with the later-developed CV cable (cross linked polyethylene insulated polyvinyl chloride sheathed cable).		
Registration Standard	1 - A(Show an important aspect or stage of the development of science and technology.)		
Open/Closed to Public	Open to Public		
Photo			
Other useful information			