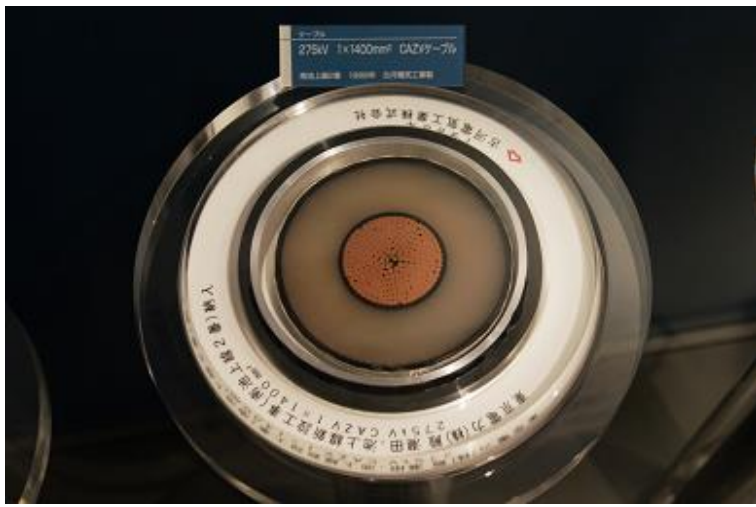


The World's Highest-Performance Electrical Cable to Support Power Demand

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|-------------------|-------------------|-----------------------|------------|
| Registration No. | Number 00174 | | |
| Registration Date | September 2, 2014 | Registration Category | Category 1 |

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|---------------------------|---|--|--|
| Name (Model, etc.) | 275kV Single-Core 1400mm ² CV Cable | | |
| Location | Yokohama City, Kanagawa | | |
| | Tokyo Electric Power Co., Inc. | | |
| Owner (Custodian) | Tokyo Electric Power Co., Inc. | | |
| Manufacturer (Company) | Furukawa Electric Co., Ltd. | | |
| Year Manufactured | 1988 | | |
| Year first appeared | 1988 | | |
| Reason For Selection | The world's first use of 275kV long distance CV cable. Used in 1989 for 9.5km of the TEPCO Minami-Ikegami line. EMJs were used for the connections. The CV cable, which uses cross-linked polyethylene for its insulation, has been widely adopted in recent years due to it being easier to maintain than OF cable as it does not require hydraulic equipment, as well as it being better for disaster prevention and for the environment, as it does not use oil. | | |
| Registration Standard | 1 - B(Show a uniquely Japanese scientific or technological development from an international perspective.) | | |

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