



February 12, 2016  
Meidensha Corporation

### **Meiden Ships World's First 145kV GIS (V-GIS) Incorporating a Vacuum Circuit Breaker**

Meidensha Corporation ("MEIDEN") today announced that it has successfully commercialized the world's first 145kV-class gas insulated switchgear (GIS) that incorporates a newly developed 145kV single-break vacuum circuit breaker (VCB) for the interrupter part, and has shipped the first product.

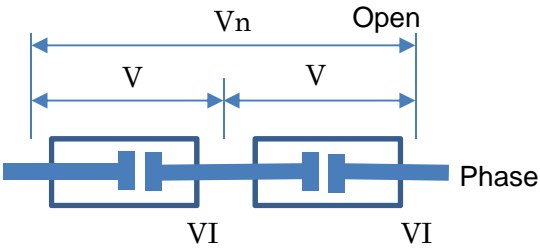
While the previous models of 145kV-class VCB's usually use two vacuum interrupters (VI's) in series per phase, Meiden has reduced the size of GIS by incorporating a single-break VCB fitted with a single VI per phase that has newly been developed. The insulation tube material of the VI has been changed from glass to ceramic, which has reduced the cost of the VI.

The V-GIS is a type of GIS, incorporating the new VCB in its heart that has been developed based on the latest advancement in MEIDEN's vacuum technologies that has been built up over the years. Thus, the V-GIS now offers a number of features, such as enhanced reliability in current breaking performance, less maintenance work requirements, and low environmental burden.

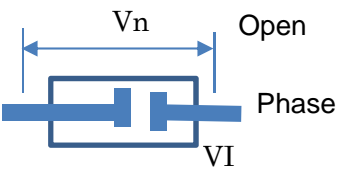
To accelerate the growth of its overseas business under its Medium-term Management Plan "V120," MEIDEN will strengthen its sales of power substation facilities including the V-GIS, especially in the ASEAN region, where Japanese companies are operating many production plants and further new and renewal demands for such substation facilities are expected.

At the same time, MEIDEN aims to "enhance product competitiveness by expanding the breaking capacity and voltage rating of its VCB product range, which is a renowned signature product of the company.

Double-break interrupter



Single-break interrupter



V-GIS