Eco-efficient MV Switchgear without SF$_6$

**Innovation leader ABB**

SF$_6$ insulates three times better than air; it is a proven technology with over 50 years in worldwide use.

After years of research in a strong partnership with 3M, ABB has developed an alternative to SF$_6$ insulation.

AirPlus™ is used in the world’s first eco-efficient GIS with a new gas molecule that has a 99.99% lower Global Warming Potential than SF$_6$.

ABB’s AirPlus™ solutions keep the same compact, safe, and reliable design of our SF$_6$ switchgear products and provide eco-efficient solutions with IEC ratings up to 24kV, 630A, 16kA.

**Ratings:**

IEC ratings up to 24 kV, 630 A, 16 kA

**Functional units:**

- Circuit-breaker (V) unit
- Load-break switch (C) unit
- Direct connection with earth (De) unit

**Coverage:**

Global acceptance with eco-friendly design

**Benefits:**

- Keeps proven and safe low-pressure design of a true GIS
- Highest reliability: no maintenance and no gas refill during installation or over lifetime

For 12 kV and 20kA, also available with 100% dry air and GWP = 0

(not yet available with IEEE / ANSI ratings)