



Shenyang Huade High Technology Co. Ltd. , P. R. China
<http://www.syhuade.com/>

20th August 2019

Ms. Lan Ma
Air Pollution Specialist, Energy Section
California Air Resources Board
1001 I Street | Sacramento, CA 95814
916-323-2787 | lan.ma@arb.ca.gov

Dear Ms. Ma,

Thanks for your invitation on 22 July 2019, Shenyang Huade High Technology Co. Ltd. (P.R. China) wishes to inform you that we support Amending CARB's regulation Draft (on 15 August 2019) of regulation for reducing Sulfur Hexafluoride Emissions from Gas Insulated Switchgear. Shenyang Huade High Technology Co. Ltd. has been devoted to CO₂ neutral GIS for over 10 years, and will remain committed to the further development of HV SF₆-free GIS.

Shenyang Huade High Technology Co. Ltd. uses vacuum interruption and clean air insulation technology for all of the GIS up to and including 72.5kV, which means there is no GWP emission in the product life cycle. Since 2008, we have developed secondary distribution SF₆-free GIS and primary distribution SF₆-free GIS, up to now, over several hundreds of panels (bays) are already in operation in Chinese Market. Please find below our SF₆-free GIS production list, we look forward to working with CARB and all California utilities or local switchgear partner for a better changing.

Voltage (kV)	Short Circuit Current (kA)	Continuous Current (A)	Insulation and Interruption
12 kV RMU	20	630	Clean Air+ Vacuum
12 kV GIS	25/31.5/40	1250-3150	Clean Air+ Vacuum
40.5 kV GIS	31.5	1250-2500	Clean Air+ Vacuum
72.5 kV DT	31.5	2500	Clean Air+ Vacuum
72.5 kV H-GIS	31.5	2500	Clean Air+ Vacuum

Sincerely,

Jiaosuo Zhang,
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Technology Manager
Shenyang Huade High Technology Co. Ltd. (P. R. China)