



Response to Questions

12.47kV PADMOUNT CAPACITOR BANK WITH DUAL LOADBREAK SWITCHES #1016

- 1 QUESTION:** *Reference: C. j.* Please provide online that shows how the (3) 600 dead-front bushing interfaces are to connect.
ANSWER: The set of three (3) 600A dead-front bushings on each side of the unit would each be connected through a 600A loadbreak switch. This would allow either side or both sides to be switched on to the capacitor bank.

- 2 QUESTION:** *Reference: Section I.e.1.* calls out and additional 200A bushing per phase also. Are there four total bushings?
ANSWER: Each of the 600A bushings (3) on one side of the unit has an additional 200A bushing mounted below it on the enclosure. This 200A bushing allows us to install surge arresters on one switched side. There are a total of six (6) 600A bushings for the two (2) incoming lines and three (3) 200A bushings.

- 3 QUESTION:** *Reference: D.* Capacitor connection shows a ungrounded wye, should probably be grounded wye based on 4 wire grounded wye system and, in section D.g. has a neutral current transformer, for sensing a grounded wye capacitor bank. Please confirm connection.
ANSWER: The capacitor connection will be a grounded wye connection.

- 4 QUESTION:** The specification is not clear on the type of bank to provide. Please confirm the bid requirements. Do we bid a 600KVAR unit with provision to expand to 1200KVAR or quote a 1200KVAR unit.
ANSWER: The quotes should be for 1200KVAR padmount units only.

Attachments: none