

QUESTION AND ANSWERS FOR:

RFB # 16-14, 4/28/16

STRUCTURES AND EQUIPMENT FOR

GREENVILLE SOUTH 230 KV POD No. 3

1. What is the design tension for the 230 KV A frame and 115 KV H frame conductor. **The design tension is 2,500 lbs. un-factored and 0 to 15 degree takeoff angle.**
2. What is the design tension for the 115 KV H frame static wire? **The design tension is 1,000 lbs. un-factored and 0 to 15 degree takeoff angle.**
3. In the material list description given for each switch (both 115kv and 230kv), the operating mechanism is preceded by the word "POWER" which may indicate a motor operator, however, the specification makes no mention of motor operator. Looking for confirmation on operating mechanism if a motor operator is required? **Motor operators are not required.**
4. CCVTs, CTs and PTs supplied by Duke Energy, do we need to supply a supporting steel structure for this equipment? **Yes.**
5. On the switches, both 1200amps and 2000 amps are referenced, please clarify which current is required? **115 KV Switches shall be rated for 2,000 amps. 230 KV Switches shall be rated for 1,200 amps.**
6. On the 230kV switches, 900 BIL is referenced but TR316 insulators are specified which provide 1050 BIL, is this required? **230 KV Switches shall be rated for 1050 BIL.**