

GREENVILLE UTILITIES COMMISSION
QUESTIONS AND ANSWERS II FOR 24-60
RFB FOR HUDSON SUBSTATION STRUCTURES & EQUIPMENT
10/31/2024 @ 2:00 PM

1. The first page is the conductor tensions, and the second page is the shield wires correct?

Correct.

2. Do these tensions include OLFs?

YES, we do add extra wind and ice in our designs. NESC Extreme Wind: 120 mph (36.864 psf); NESC Concurrent Ice and Wind: 40 mph (4.1 psf) and 1" ice. See attached image for parameters of weather load factors used in each weather case to determine tensions. You can also view image at www.guc.com .

3. Do we need to design for $\pm 15^\circ$ pull off angle or just perpendicular?

Perpendicular.