## Load Sharer Calculations

V­FAIL = 20V-20.5V; VETH = 1.222V; VRESTORE = 22V;

VFAIL = VETH \*

20 V = 1.222 V \* ( + 1)

15.3666 =

**R1A = 200 kOhm**

**R1C = 13 kOhm**

VFAIL = (200/13 + 1) \* 1.222 = 20.022 V

VRESTORE = VETH \*

22V = 1.222V \*

18 V =

21\* R1D = 2600

**R1D = 120 kOhm**

120 || 13 = 1560/133

VRESTORE = 1.222 \* (200 + 1560 / 133) / (1560 / 133) = 22.06 V