

$$\% \text{ Imbalance} = \frac{I_{\max} - I_{\text{avg}}}{I_{\text{avg}}} * 100$$

Example:

1. Measure output current on each leg:

T1 = 60A

T2 = 46A

T3 = 62A

2. Calculate the average:

$$60 + 46 + 62 = 168A$$

$$I_{\text{avg}} = 168/3 = 56A$$

3. Calculate the imbalance:

$$\% \text{ Imbalance} = \frac{62 - 56}{56} * 100$$

$$\% \text{ Imbalance} = 10.7\%$$