

Graph showing the relationship between current I (in kA) and impedance Z (in Ω) for a 10kV busbar with different numbers of parallel feeders (n).

The Y-axis represents Current I in kA , ranging from 20 to 35. The X-axis represents Impedance Z in Ω , ranging from 1 to 12.

The legend indicates the number of parallel feeders n for each curve:

- 1 (Blue)
- 2 (Orange)
- 3 (Yellow)
- 4 (Purple)
- 5 (Green)
- 6 (Light Blue)
- 7 (Red)
- 8 (Dark Blue)
- 9 (Dark Orange)

The graph illustrates that the current I decreases as the impedance Z increases and as the number of parallel feeders n increases.

