

Hard

Assistant Engineer (Electrical), Class 2025

Building Department

A transmission line $Z = (2 + j8)$ has 10% of the voltage regulation with the lagging load of 0.8. If the load is 0.707 leading, then the V.R. is _____ (Assume the

A

6.63%

Correct

B

5.77%

C

10%

D

8.63%

Correct Answer: A

Full Detailed Explanation

Open the live question URL below to read the full explanation, related links and practice flow.

Open live question on website:

<https://sarkariresultout.com/pyq/hi/question/gpsc-ae-electrical-q193-voltage-regulation-at-leading-power-factor/>