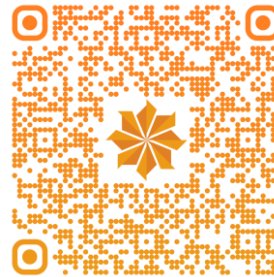


POWER TRANSMISSION TRAINER

Overview

The Power Transmission Trainer consists of step-up and step-down transformers, overhead line models and loads. It allows to simulate real AC transmission lines and investigate mechanisms of decreasing the losses on the lines, protection from real-simulated earth-short circuits and line-to-line short circuits, and reactive power compensation. It allows also to investigate the power transformer characteristics.

YouTube Link: <https://youtu.be/5rCyL1Pvywo>



Topics covered

- ✓ Power transmission channel structure
- ✓ Voltage transformation in power transmission
- ✓ Losses and power quality distortions during power transmission
- ✓ Reactive power compensation in power transmission
- ✓ Protection during emergencies in power transmission channels

Power Transmission Trainer Hardware Pictures





Power Transmission Trainer Software Screenshots

