

The background of the slide is a photograph of a high-voltage power line tower (pylon) in a rural landscape. The tower is a lattice structure, and power lines are visible stretching across the sky. The ground is a mix of dry grass and some green vegetation. In the distance, there are some trees and a small building. The sky is a clear, pale blue.

# **Operasi Sistem Tenaga Listrik (SEL 220) 2 SKS**

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# Materi :

- **Sistem operasi sistem tenaga listrik**
- **Komponen-komponen operasi sistem tenaga listrik**
- **Model sistem tenaga listrik**
- **Studi Aliran daya**
- **Operasi ekonomis sistem tenaga listrik**
- **Gangguan Simetris**
- **Gangguan Asimetris**

## **Sistem Penilaian:**

- 🌿 Tugas : 25 %**
- 🌿 UTS : 30 %**
- 🌿 UAS : 40 %**
- 🌿 Lain-lain (Keaktifan, Kehadiran, dll) : 5 %**

## **Buku Acuan:**

- ♣ **William D. Stevenson, Elements of Power System Analysis , Mc Graw Hill Book Company**
- ♣ **James A Momoh, Electric Power System Applications of Optimization, Marcel Dekker AG, Switzerland**
- ♣ **Djiteng Marsudi, Operasi Sistem Tenaga Listrik, Yogyakarta: Graha Ilmu**