

Feeder Segregation

Task

Segregation of agriculture feeders from existing 11 kV mixed-feeders in rural areas

Issues addressed

- Mixed feeders in rural areas: challenges in energy accounting
- Presently, power supplied to agriculture consumers in 4 blocks in a day
- Agriculture consumers get power at inconvenient night hours
- Pump-sets run all night: electricity and water wastage

Works envisaged

- Laying new 11 KV lines Three Phase
- Shifting of 11 KV Single phase tapping
- LT lines (three phase) works relating to shifting of Consumers
- Addition of Three Phase Distribution Transformers
- Creation of New 11 kV Bays & Feeder Metering

Benefits envisaged

For consumers

- Day time power supply at convenient hours
- Improved quality of supply

For Discom

- No weekly rotation of 4-block supply to agriculture consumers
- Reduction in iron losses of the network
- Improvement in quality of supply for other consumers

Consumers benefitted

- 4.69 lakh agriculture consumers benefitted
- 42 lakh other categories consumers benefitted

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