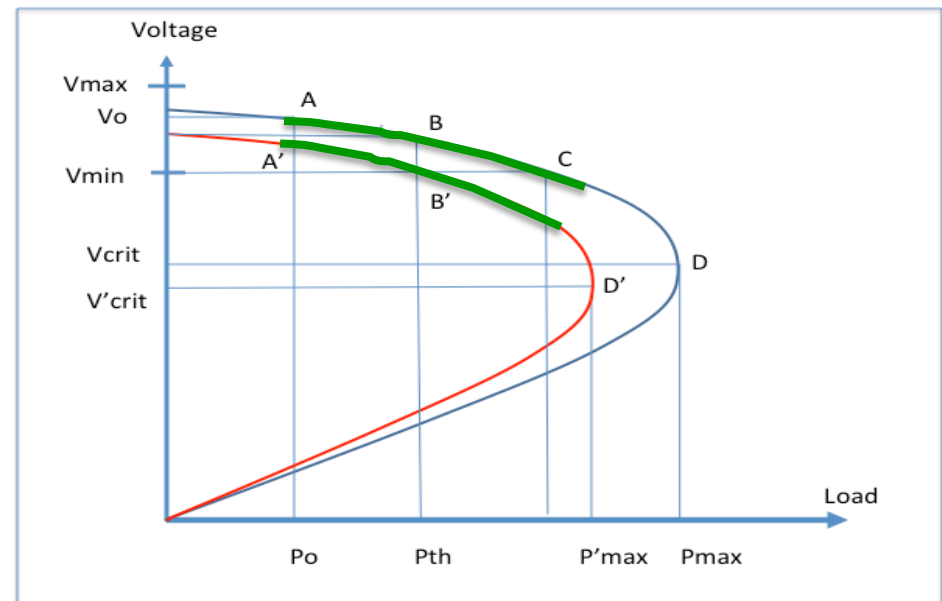


Voltage Stability

Requirements:

- ◆ Include real time & contingencies
- ◆ Compute stable part of the PV curve
- ◆ Can handle multiple loads
- ◆ Provide load margins in MW and MVAR
- ◆ Deal with voltage sensitive loads
 - Constant, Linear (light), Quadratic (heat)
- ◆ Reactive reserves and Time to PV-PQ transitions
- ◆ EMS based (incl. PMU data)
- ◆ Sensitivity to data quality
- ◆ Software integration and maintenance





EPCC
ELECTRIC POWER CONTROL CENTERS

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with Electric Power Control Centers Worldwide

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