Synchronous Condenser Test Area
Inverter Test Area
Generator-based DR
Power Electronics based DR
Panel PP2 (480V/1000A)
Distribution Panel
Panel PP3 (480V/600A)
Distribution Panel
Electrical Service from 750kVA Transformers
From Circuit #4
From Circuit #2
3000 Substation
(13.8/2.4kV)
Other ORNL 13.8kV
Substations, i.e., 4000
From TVA
TVA
ORNL X-10 161kV/13.8kV
Substation