





Charging Infrastructure

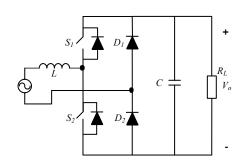
Lecture-19
Totem pole PFC Converter-II

Dr. Apurv Kumar Yadav

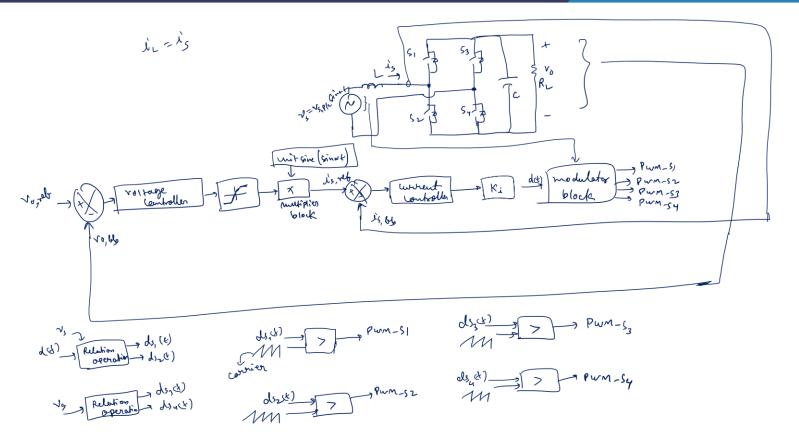
Department of Electrical Engineering



Recap







ds, et) = 1-det), vs to

= d(t), vs to

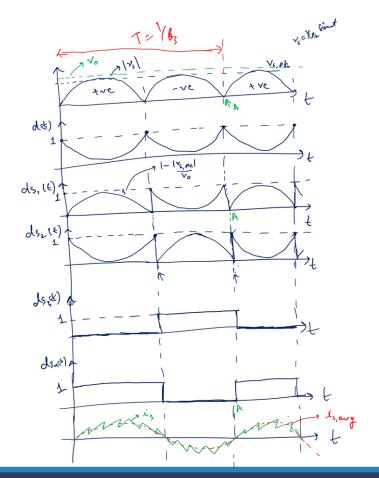
ds_2(t) = 1-det), vs to

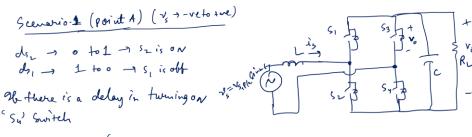
d(t), vs to











V_L = V_o (appearing actions Sy Switch) In there is a tre Spike whent

Sumerio-2 (point +) & (V, -> -ve toxue)

The Signis ON => it sis on (bor larger time duration)

Ve = 0 (Small quantity) -> very small the positive stope

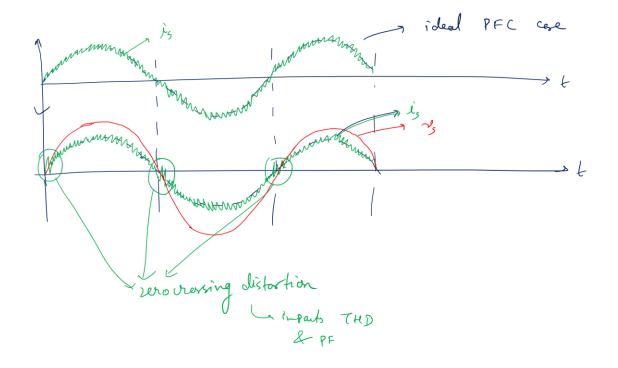
S, is on fer smaller duration $V_{L} = V_{S} - V_{O}$ $V_{S} \rightarrow O$ $V_{L} \rightarrow V_{C}$ Youthing

There is -ne spike in













Thank You





