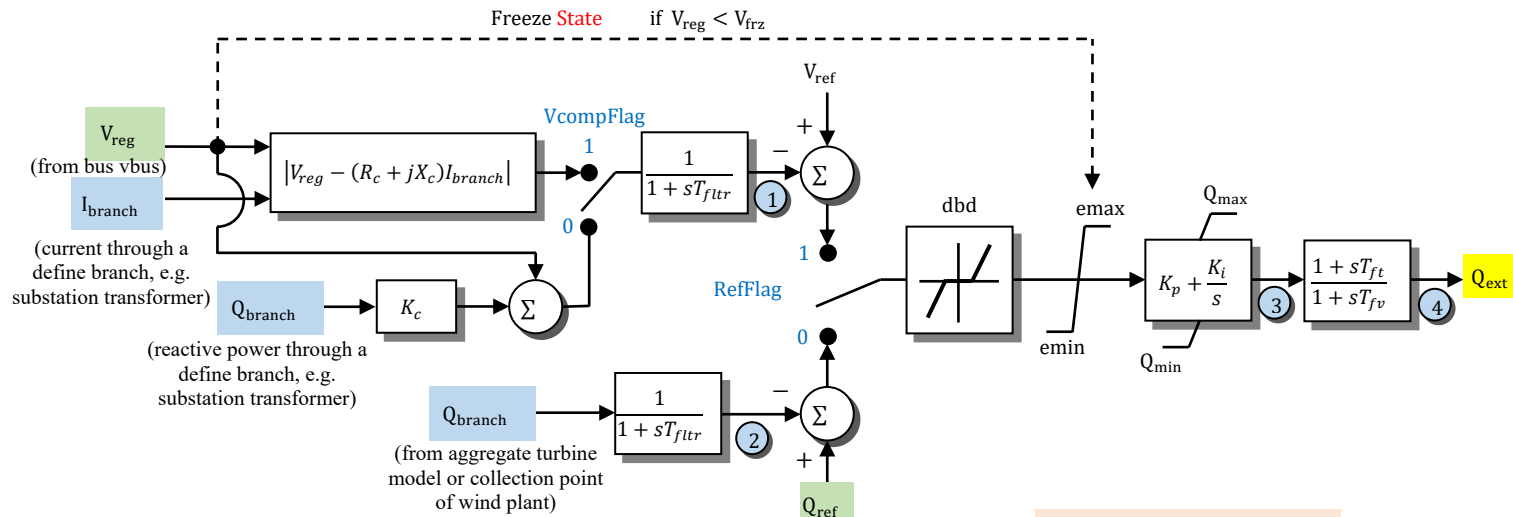


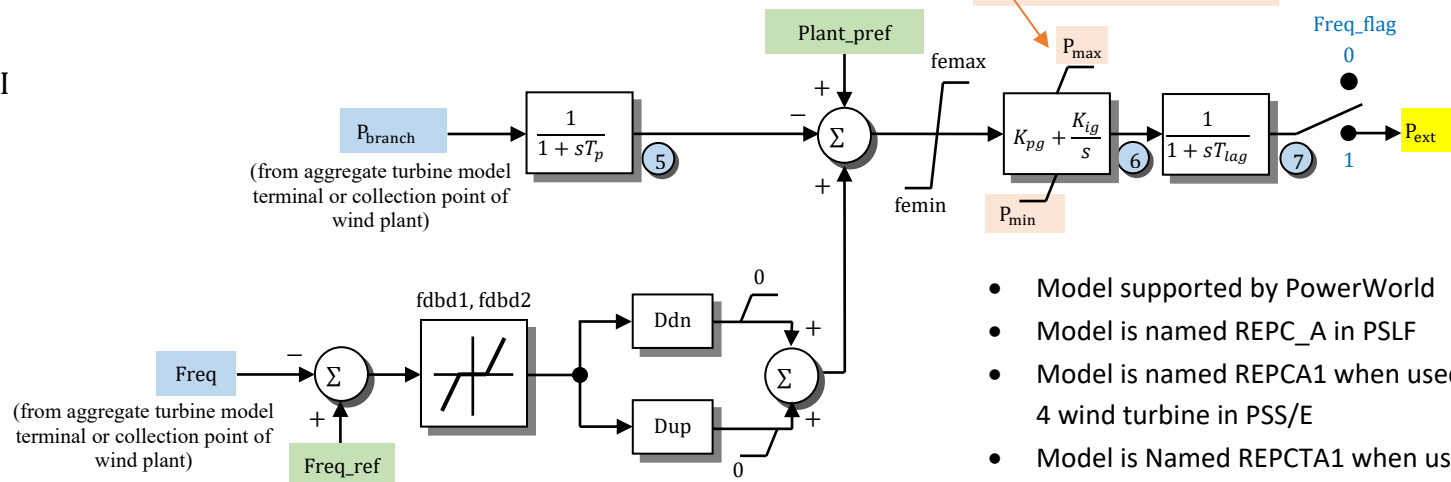
# Plant Controller REPC\_A and REPCA1 and REPCTA1

## Renewable Energy Plant Control Model REPC\_A



### States

- 1 – Vmeas
- 2 – Qmeas
- 3 – Reactive PI
- 4 – Qext
- 5 – Pmeas
- 6 – Power PI
- 7 – Pref



- Model supported by PowerWorld
- Model is named REPC\_A in PSLF
- Model is named REPCA1 when used with Type 4 wind turbine in PSS/E
- Model is Named REPCTA1 when used with a Type 3 wind turbine in PSS/E