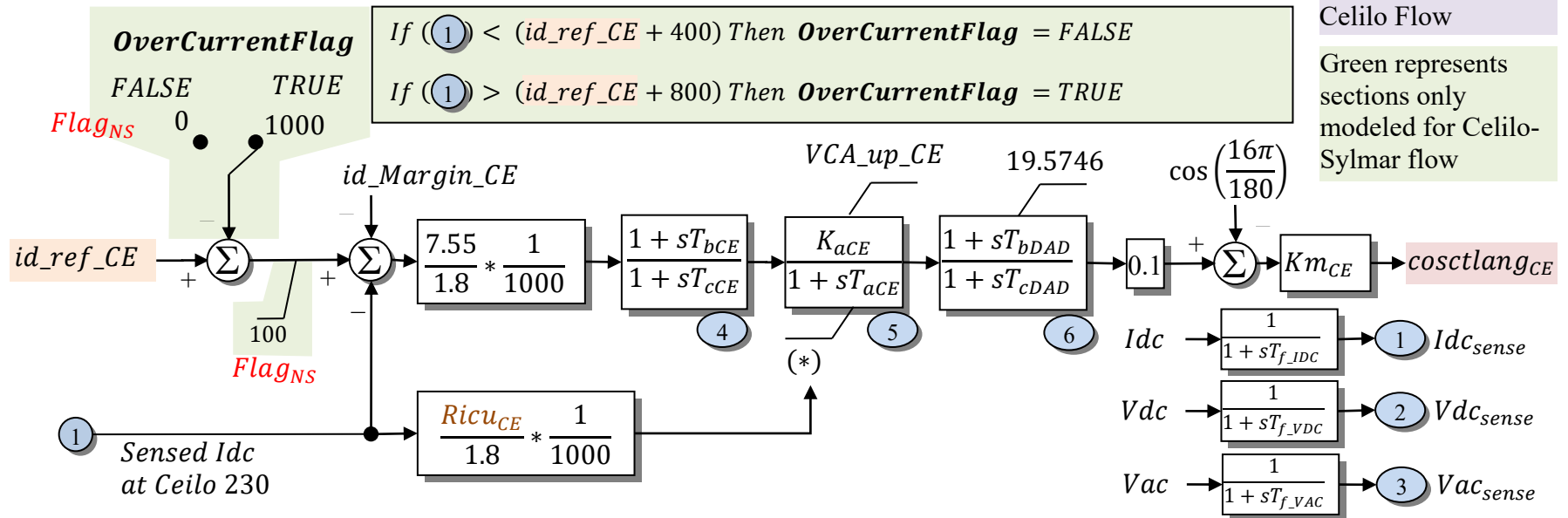


CONV_CELILO_E

Celilo 230 kV Converter Controls (Celilo Existing Controls)



CONV_CELILO_E parameters are all hard-coded based on whether the initial flow direction of the PDCI. The parameters and the initialization are different for Celilo to Sylmar (North to South) or Sylmar to Celilo (South to North) flow. The following table shows the differences

Parameter	Celilo-Sylmar (North to South)	Sylmar - Celilo (South to North)
T_{bCE}	0.0323	
T_{cCE}	0.0323	
K_{aCE}	330	82.5
T_{aCE}	8.1500	
VCA_{up_CE}	20	8.5
T_{bDAD}	0	1/240
T_{cDAD}	1/60	
Km_{CE}	1	-1

Initialization Reference Values	Celilo-Sylmar (North to South)	Sylmar - Celilo (South to North)
$Ricu_{CE}$	2.2	Initialize so State 5 is at its lower limit $Ricu_{CE} = \frac{(4) * 1.8 * 1000}{(1)}$
Parameter	Celilo-Sylmar (North to South)	Sylmar - Celilo (South to North)
$IdRefLim_{CE}$	2160	
T_{f_IDC}	0.004	0.0084
T_{f_VDC}	0.004	0.0084