# BlkDef Control:



pcurtail=1.01 Active Power Curtailment Signal

pred=1.00 Active Power Reduction during Overfrequency

maxAbsCur,maxIq,max..

vdcref=540.50 → (1/(1+sT)) xmpp=540.50 Tmpp=5.00 → vdcref_mpp=540.50

Max → 540.50 U_min

cosn → cosn1=1.00

uac → u=1.00

K(1+1/sT) xp=0.16 xtracker=0.16 curtail=0.21 Kp=0.01 Tip=0.30

id=0.16

vdcin=540.56 → vdcref0=540.50 → dp=0.06 → (1/(1+sT)) xpr=0.06 Tr=0.00 → dpd=0.06

id_max,g..

id_min,gr..

qset=-0.00 → dq=-0.00 → Select_Mode RegMode=0.00 → duq=-0.00

maxIq

PI_q xq=-0.00 Kpq=0.10 Kiq=4.00 → i_qref=-0.00

qin=0.03
sgnn=250.00
cosn=1.00 → 1/Pre → o3=0.00

id_ref=0.16

uref=1.02 → du1=0.01

u0r=0.00
ur=0.90
u2r=0.00
u0i=0.00
ui=-0.44
u2i=0.00 → u_min_max

umax=1.00
umin=1.00

Fault Detection
Tpick=0.01
Ulvrt=0.90
Uhvrt=1.10
Tdyn_max=5.00 fltlim=0.00
Udynlim=0.70
dynlim_on=0.00

LimDynSup=0.00

iq_max

fltlim

Reactive Power Support K_FRT=2.00

iq=0.00

iq_ref=0.00

Current Limiter

uac=1.00 → (1/(1+sT)) xqr=1.00 Tr=0.00 → o1=1.00 → du=0.01

iq_min

(1/(1+sT))_freeze x=1.01 → o2=1.01