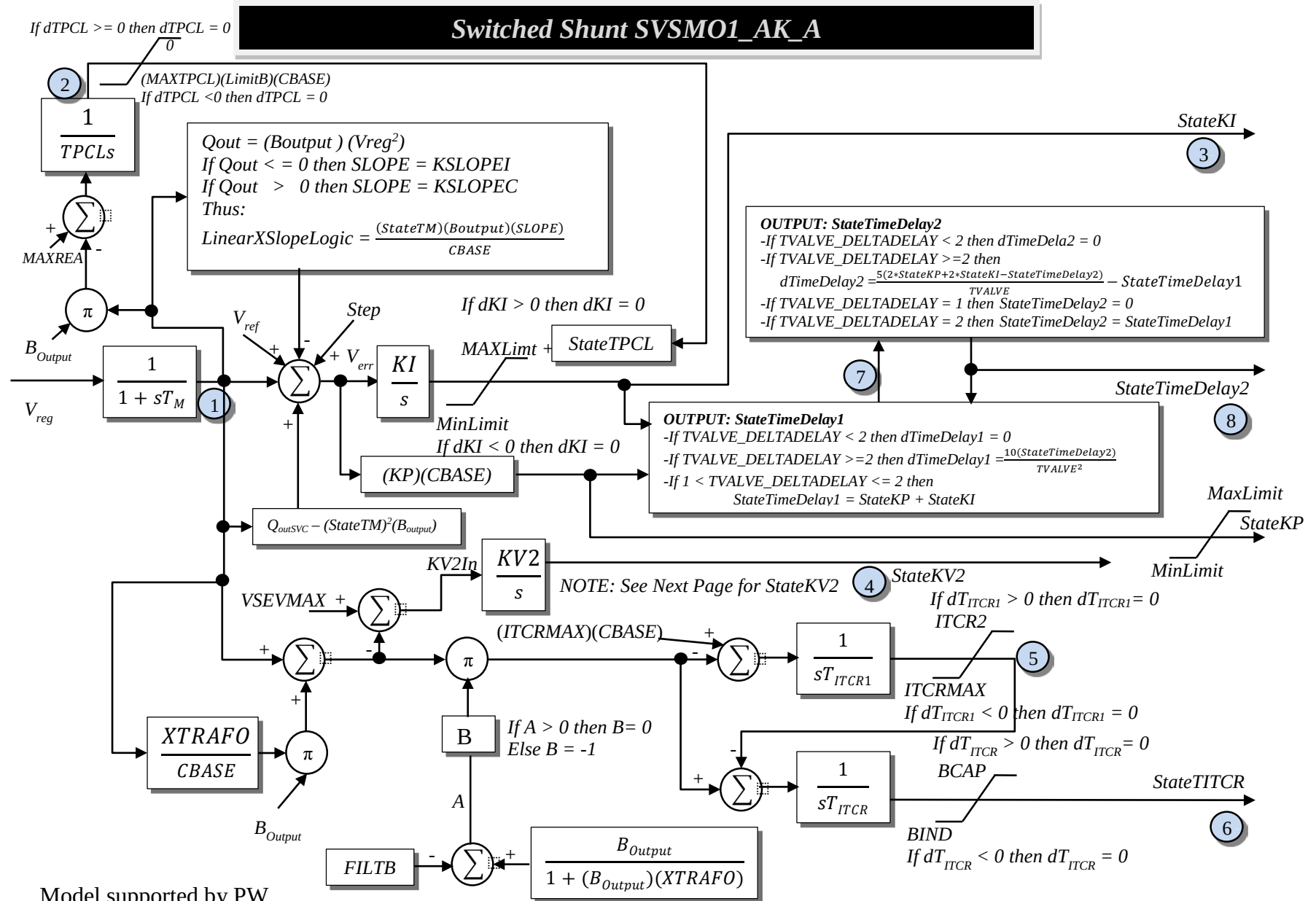
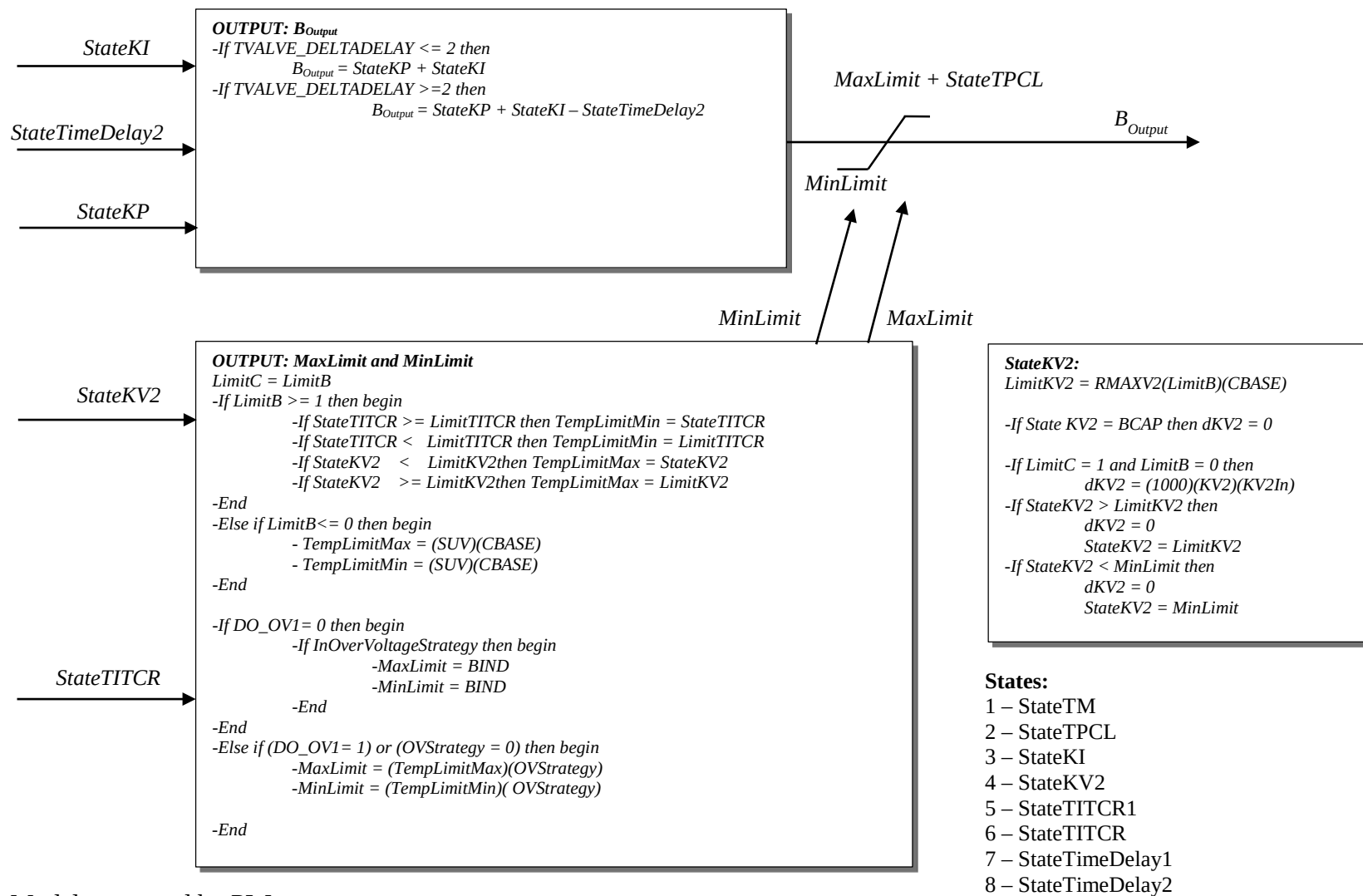


Switched Shunt SVSMO1_AK_A



Switched Shunt SVSMO1_AK_A



Model supported by PW

Switched Shunt SVSMO1_AK_A

Under Voltage Strategy

```
-If DO_UV<= 2 then begin
-  TempOV_A = DO_UV
-  TempOV_B = DO_UV
-If (TempOV_A <> LimitB) and (TempOV_A = 0) and (DO_UV1 = 1) then begin
-  OldTimeUV = PresentTime + TVACT
-  DO_UV1=0
-End
-If (TempOV_A <> LimitB) and (TempOV_B = 0) and (DO_UV1 = 1) then begin
-  OldTimeUV = PresentTime + TUVIN
-  DO_UV1=0
-End
-If (TempOV_A = LimitB) and (DO_UV1 = 0) then begin
-  OldTimeUV = 0
-  DO_UV1=1
-End
-If (PresentTime > OldTimeUV) and (DO_UV1 = 0) then begin
-  LimitB = VC
-  OldTimeUV = 0
-  DO_UV1=1
-End
-End
```

Over Voltage Strategy

```
-If DO_OV<= 2 then begin
-If (Vreg > VOVACT) and (DO_UV1 = 1) then begin
-  if (OVStrategy = 1) then begin
-    OldTimeOV1 = PresentTime + TOV
-    OldTimeOV2 = PresentTime + TOVDEL
-    OldTimeOV3 = PresentTime + TMINOV
-    DO_UV1 = 0
-  End
-End
-If (DO_UV1 = 0) then begin
-  if (PresentTime > OldTimeOV1) then begin
-    ShuntSVC is Open
-    OVStrategy = 0
-  End
-End
-If (Vreg < VOVIN) and (DO_UV1 = 0) then begin
-  if (PresentTime > OldTimeOV3) and (OVStrategy = 0) then begin
-    DO_UV1=1
-    OVStrategy =1
-    OldTimeOV1 = 0
-    OldTimeOV2 = 0
-    OldTimeOV3 = 0
-  End
-If (PresentTime > OldTimeOV2) and (OVStrategy = 0) then begin
-  InOverStrategy = true
-End
-End
```

Model supported by PW