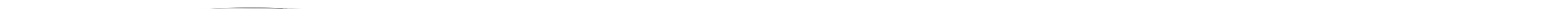
FR:calcTempPCMOverTime
FR:calcPCMMeltBegin
FR:calcPCMMeltEnd
FR:outputInputDerivVals
FR:calcTempWtrOverTime
FR:calcChgHeatEnergyWtrOverTime
FR:findMass
FR:inputValues
FR:calcChgHeatEnergyPCMOverTime
AssumpTEO
AssumpHTCC
AssumpCWTAS
AssumpTPCAV
AssumpDWPCnS
AssumpSAHCCw
AssumpLCCCW
AssumpTHCCoT
AssumpTHCCoL
AssumpLCCWP
AssumpCTNOD
AssumpSITWP
AssumpPIS
AssumpWAL
AssumpPIT
AssumpNSIGBWP
AssumpVCMPN
AssumpNGSP
AssumpAPT
AssumpVCN
TM:consThermH
TM:meltHT
TM:latentHE
TM:meteCooling
GD:calcTempString
GD:htFluxWaterFromCoil
GD:htFluxPCMFromWater
FR:checkWithPhysConsts
FR:verifyEnergyOutput
NFR:correct
NFR:verifiable
NFR:understandable
NFR:reusable
NFR:maintainable
GS:waterTempGS
GS:pcmTempGS
GS:waterEnergyGS
GS:pcmEnergyGS
IM:rhsBalancOnPCM
DD:balanceDecayRate
DD:balanceDecayTime
DD:balanceInitialPCM
DD:balanceLiquidPCM
IM:rhsBalancOnWtr
IM:heatToWtr
DD:waterMass
DD:waterVolume:pcm
DD:tankVolume
IM:heatToPCM
DD:htFusion
DD:meltFrac
DD:aspectRatio