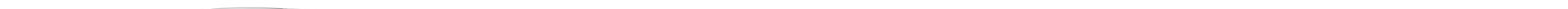

FR:calcTempPCMOverTime
FR:calcPCMMeltBegin
FR:calcPCMMeltEnd
FR:calcTempWtrOverTime
FR:calcChgHeatEnergyWtrOverTime
FR:fluxMass
FR:inputValues
FR:calcChgHeatEnergyPCMOverTime
AssumpTEO
AssumpHTCC
AssumpCWTAT
AssumpTPCAV
AssumpDWPCAV
AssumpSHECoe
AssumpLCCCW
AssumpTHCCoE
AssumpTHCCoL
AssumpLCCWP
AssumpCTNOD
AssumpSHTWP
AssumpPES
AssumpRAL
AssumpPIT
AssumpNHSCBWP
AssumpVCMPN
AssumpNOSP
AssumpAPT
AssumpVCN
TM:consTherm8
TM:latentRE
TM:sensitRE
TM:sensiCooling
GD:rocTempSimp
GD:hdTwaWaterFromCoil
GD:hdTwaPCMFromWater
FR:checkWtkPhysCoints
FR:verifyEnergyOutput
NFR:correct
NFR:verifiable
NFR:understandable
NFR:reusable
NFR:maintainable
OS:waterTempGS
OS:pcmTempGS
OS:waterEnergyGS
OS:pcmEnergyGS
IM:eBalanceOnPCM
DD:balanceDecayRate
DD:balanceDecayTime
DD:balanceSolidPCM
DD:balanceLiquidPCM
IM:eBalanceOnWtr
IM:heatEtoWtr
DD:waterMass
DD:waterVolume_pcm
DD:tankVolume
IM:heatEtoPCM
DD:hfFusion
DD:meltFrac
DD:aspectRatio