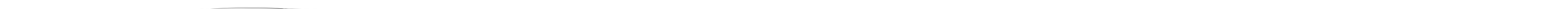


FR:calcTempPCMOverTime
FR:calcPCMMeltBegin
FR:calcPCMMeltEnd
FR:calcTempWtrOverTime
FR:calcChgHeatEnergyWtrOverTime
FR:fluxMass
FR:inputValues
FR:calcChgHeatEnergyPCMOverTime
AssumpTEO
AssumpHTCC
AssumpCWTAT
AssumpTPCAV
AssumpDWPCAV
AssumpSHECoe
AssumpLCCCW
AssumpTHCCoE
AssumpTHCCoL
AssumpLCCWP
AssumpCTNOD
AssumpSHTWP
AssumpPES
AssumpRAL
AssumpPIT
AssumpNHSCBWP
AssumpVCMPN
AssumpNOSP
AssumpAPT
AssumpVCN
TM:consTherm8
TM:consHEE
TM:latentHEE
TM:noctaCooling
GD:fracTempSimp
GD:hrlTsuWaterFromCool
GD:hrlTsuPCMFromWater
FR:checkWithPhysCoints
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:heatEltWtr
DD:waterMass
DD:waterVolume_pcm
DD:tankVolume
IM:heatEltPCM
DD:hrlTsuson
DD:meltFrac
DD:aspectRatio