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! ----- DERATE PARAMETERS -----

! Skip the comment line.
CALL ReadCom ( UnIn, PriFile, 'derate parameters' )

! TimeDRStart - Time for turbine to initiate derating
CALL ReadRVar ( UnIn, PriFile, TimeDRStart, 'TimeDRStart', 'Time for turbine to
initiate derating' )

! TimeDREnd - Time for turbine to start returning to full rated operation
CALL ReadRVar ( UnIn, PriFile, TimeDREnd, 'TimeDREnd', 'Time for turbine to start
returning to full rated operation' )

! DerateFactor - Ammount turbine will be derated
CALL ReadRVar ( UnIn, PriFile, DerateFactor, 'DerateFactor', 'Ammount turbine will be
derated' )

! TEmShutdown - Time to initiate an emergency shutdown
CALL ReadRVar ( UnIn, PriFile, TEmShutdown, 'TEmShutdown', 'Time to initiate emergency
shutdown' )

! maxOverspeed - The maximum safe overspeed (%).
CALL ReadRVar (UnIn,PriFile, maxOverspeed, 'maxGenOS', 'The maximum safe overspeed
(%).' )

! controlDebug - Flag to turn on debug output for controller.
CALL ReadLVar ( UnIn, PriFile, controlDebug, 'controlDebug', 'Flag to turn on debug &
output for controller' )
```