

Simulation Parameters

- Version
- SimulationControl
- Building
- ShadowCalculation
- SurfaceConvectionAlgorithm:Inside
- SurfaceConvectionAlgorithm:Outside
- HeatBalanceAlgorithm
- HeatBalanceSettings:ConductionFiniteDifference
- ZoneAirHeatBalanceAlgorithm
- ZoneAirContaminantBalance
- ZoneCapacitanceMultiplier:ResearchSpecial
- Timestep
- ConvergenceLimits
- ProgramControl

Compliance Objects

- Compliance:Building

Location and Climate

- Site:Location
- SizingPeriod:DesignDay
- SizingPeriod:WeatherFileDays
- SizingPeriod:WeatherFileConditionType
- RunPeriod
- RunPeriod:CustomRange
- RunPeriodControl:SpecialDays
- RunPeriodControl:DaylightSavingTime
- WeatherProperty:SkyTemperature
- Site:WeatherStation
- Site:HeightVariation
- Site:GroundTemperature:BuildingSurface
- Site:GroundTemperature:FCfactorMethod
- Site:GroundTemperature:Shallow
- Site:GroundTemperature:Deep
- Site:GroundReflectance
- Site:GroundReflectance:SnowModifier
- Site:WaterMainsTemperature
- Site:Precipitation
- RoofIrrigation

Schedules

- ScheduleTypeLimits
- Schedule:Day:Hourly
- Schedule:Day:Interval
- Schedule:Day:List
- Schedule:Week:Daily
- Schedule:Week:Compact
- Schedule:Year
- Schedule:Compact
- Schedule:Constant
- Schedule:File

Surface Construction Elements

- Material
- Material:NoMass
- Material:InfraredTransparent
- Material:AirGap
- Material:RoofVegetation
- WindowMaterial:SimpleGlazingSystem
- WindowMaterial:Glazing
- WindowMaterial:GlazingGroup:Thermochromic
- WindowMaterial:Glazing:RefractionExtinctionMethod
- WindowMaterial:Gas
- WindowGap:SupportPillar
- WindowGap:DeflectionState

- WindowMaterial:GasMixture
- WindowMaterial:Gap
- WindowMaterial:Shade
- WindowMaterial:ComplexShade
- WindowMaterial:Blind
- WindowMaterial:Screen
- MaterialProperty:MoisturePenetrationDepth:Settings
- MaterialProperty:PhaseChange
- MaterialProperty:VariableThermalConductivity
- MaterialProperty:HeatAndMoistureTransfer:Settings
- MaterialProperty:HeatAndMoistureTransfer:SorptionIsotherm
- MaterialProperty:HeatAndMoistureTransfer:Suction
- MaterialProperty:HeatAndMoistureTransfer:Redistribution
- MaterialProperty:HeatAndMoistureTransfer:Diffusion
- MaterialProperty:HeatAndMoistureTransfer:ThermalConductivity
- MaterialProperty:GlazingSpectralData
- Construction
- Construction:CfactorUndergroundWall
- Construction:FfactorGroundFloor
- Construction:InternalSource
- WindowThermalModel:Params
- Construction:ComplexFenestrationState
- Construction:WindowDataFile

Thermal Zones and Surfaces

- GlobalGeometryRules
- GeometryTransform
- Zone
- ZoneList
- ZoneGroup
- BuildingSurface:Detailed
- Wall:Detailed
- RoofCeiling:Detailed
- Floor:Detailed
- Wall:Exterior
- Wall:Adiabatic
- Wall:Underground
- Wall:Interzone
- Roof
- Ceiling:Adiabatic
- Ceiling:Interzone
- Floor:GroundContact
- Floor:Adiabatic
- Floor:Interzone
- FenestrationSurface:Detailed
- Window
- Door
- GlazedDoor
- Window:Interzone
- Door:Interzone
- GlazedDoor:Interzone
- WindowProperty:ShadingControl
- WindowProperty:FrameAndDivider
- WindowProperty:AirflowControl
- WindowProperty:StormWindow
- InternalMass
- Shading:Site
- Shading:Building
- Shading:Site:Detailed
- Shading:Building:Detailed
- Shading:Overhang
- Shading:Overhang:Projection
- Shading:Fin
- Shading:Fin:Projection
- Shading:Zone:Detailed
- ShadingProperty:Reflectance

Advanced Construction, Surface, Zone Concepts

- SurfaceProperty:HeatTransferAlgorithm
- SurfaceProperty:HeatTransferAlgorithm:MultipleSurface
- SurfaceProperty:HeatTransferAlgorithm:SurfaceList
- SurfaceProperty:HeatTransferAlgorithm:Construction
- SurfaceControl:MovableInsulation
- SurfaceProperty:OtherSideCoefficients
- SurfaceProperty:OtherSideConditionsModel
- SurfaceConvectionAlgorithm:Inside:AdaptiveModelSelections
- SurfaceConvectionAlgorithm:Outside:AdaptiveModel Selections
- SurfaceConvectionAlgorithm:Inside:UserCurve
- SurfaceConvectionAlgorithm:Outside:UserCurve
- SurfaceProperty:ConvectionCoefficients
- SurfaceProperty:ConvectionCoefficients:MultipleSurface
- SurfaceProperties:VaporCoefficients
- SurfaceProperty:ExteriorNaturalVentedCavity
- ZoneProperty:UserViewFactors:bySurfaceName

Detailed Ground Heat Transfer

- GroundHeatTransfer:Control
- GroundHeatTransfer:Slab:Materials
- GroundHeatTransfer:Slab:MatlProps
- GroundHeatTransfer:Slab:BoundConds
- GroundHeatTransfer:Slab:BldgProps
- GroundHeatTransfer:Slab:Insulation
- GroundHeatTransfer:Slab:EquivalentSlab
- GroundHeatTransfer:Slab:AutoGrid
- GroundHeatTransfer:Slab:ManualGrid
- GroundHeatTransfer:Slab:XFACE
- GroundHeatTransfer:Slab:YFACE
- GroundHeatTransfer:Slab:ZFACE
- GroundHeatTransfer:Basement:SimParameters
- GroundHeatTransfer:Basement:MatlProps
- GroundHeatTransfer:Basement:Insulation
- GroundHeatTransfer:Basement:SurfaceProps
- GroundHeatTransfer:Basement:BldgData
- GroundHeatTransfer:Basement:Interior
- GroundHeatTransfer:Basement:ComBldg
- GroundHeatTransfer:Basement:EquivSlab
- GroundHeatTransfer:Basement:EquivAutoGrid
- GroundHeatTransfer:Basement:AutoGrid
- GroundHeatTransfer:Basement:ManualGrid
- GroundHeatTransfer:Basement:XFACE
- GroundHeatTransfer:Basement:YFACE
- GroundHeatTransfer:Basement:ZFACE

Room Air Models

- RoomAirModelType
- RoomAir:TemperaturePattern:UserDefined
- RoomAir:TemperaturePattern:ConstantGradient
- RoomAir:TemperaturePattern:TwoGradient
- RoomAir:TemperaturePattern:NondimensionalHeight
- RoomAir:TemperaturePattern:SurfaceMapping
- RoomAir:Node
- RoomAirSettings:OneNodeDisplacementVentilation
- RoomAirSettings:ThreeNodeDisplacementVentilation
- RoomAirSettings:CrossVentilation
- RoomAirSettings:UnderFloorAirDistributionInterior
- RoomAirSettings:UnderFloorAirDistributionExterior

Internal Gains

- People
- ComfortViewFactorAngles
- Lights
- ElectricEquipment
- GasEquipment

- HotWaterEquipment
- SteamEquipment
- OtherEquipment
- ZoneBaseboard:OutdoorTemperatureControlled
- ZoneContaminantSourceAndSink:CarbonDioxide
- ZoneContaminantSourceAndSink:Generic:Constant
- SurfaceContaminantSourceAndSink:Generic:Pressure Driven
- ZoneContaminantSourceAndSink:Generic:Cutoff Model
- ZoneContaminantSourceAndSink:Generic:Decay Source
- SurfaceContaminantSourceAndSink:Generic:BoundaryLayerDiffusion
- SurfaceContaminantSourceAndSink:Generic:DepositionVelocitySink
- ZoneContaminantSourceAndSink:Generic:Deposition RateSink

Daylighting

- Daylighting:Controls
- Daylighting:DELIGHT:Controls
- Daylighting:DELIGHT:ReferencePoint
- Daylighting:DELIGHT:ComplexFenestration
- DaylightingDevice:Tubular
- DaylightingDevice:Shelf
- DaylightingDevice:LightWell
- Output:DaylightFactors
- Output:IlluminanceMap
- OutputControl:IlluminanceMap:Style

Zone Airflow

- ZoneInfiltration:DesignFlowRate
- ZoneInfiltration:EffectiveLeakageArea
- ZoneInfiltration:FlowCoefficient
- ZoneVentilation:DesignFlowRate
- ZoneVentilation:WindandStackOpenArea
- ZoneAirBalance:OutdoorAir
- ZoneMixing
- ZoneCrossMixing
- ZoneRefrigerationDoorMixing
- ZoneEarthtube
- ZoneCoolTower:Shower
- ZoneThermalChimney

Natural Ventilation and Duct Leakage

- AirflowNetwork:SimulationControl
- AirflowNetwork:MultiZone:Zone
- AirflowNetwork:MultiZone:Surface
- AirflowNetwork:MultiZone:ReferenceCrackConditions
- AirflowNetwork:MultiZone:Surface:Crack
- AirflowNetwork:MultiZone:Surface:EffectiveLeakageArea
- AirflowNetwork:MultiZone:Component:DetailedOpening
- AirflowNetwork:MultiZone:Component:SimpleOpening
- AirflowNetwork:MultiZone:Component:HorizontalOpening
- AirflowNetwork:MultiZone:Component:ZoneExhaustFan
- AirflowNetwork:MultiZone:ExternalNode
- AirflowNetwork:MultiZone:WindPressureCoefficientArray
- AirflowNetwork:MultiZone:WindPressureCoefficientValues
- AirflowNetwork:Distribution:Node
- AirflowNetwork:Distribution:Component:Leak
- AirflowNetwork:Distribution:Component:LeakageRatio
- AirflowNetwork:Distribution:Component:Duct
- AirflowNetwork:Distribution:Component:ConstantVolumeFan
- AirflowNetwork:Distribution:Component:Coil
- AirflowNetwork:Distribution:Component:HeatExchanger
- AirflowNetwork:Distribution:Component:TerminalUnit
- AirflowNetwork:Distribution:Component:ConstantPressureDrop
- AirflowNetwork:Distribution:Linkage

Exterior Equipment

- Exterior:Lights
- Exterior:FuelEquipment
- Exterior:WaterEquipment

HVAC Templates

- HVACTemplate:Thermostat
- HVACTemplate:Zone:IdealLoadsAirSystem
- HVACTemplate:Zone:FanCoil
- HVACTemplate:Zone:PTAC
- HVACTemplate:Zone:PTHP
- HVACTemplate:Zone:Unitary
- HVACTemplate:Zone:VAV
- HVACTemplate:Zone:VAV:FanPowered
- HVACTemplate:Zone:WaterToAirHeatPump
- HVACTemplate:System:Unitary
- HVACTemplate:System:UnitaryHeatPump:AirToAir
- HVACTemplate:System:VAV
- HVACTemplate:System:PackagedVAV
- HVACTemplate:System:DedicatedOutdoorAir
- HVACTemplate:Plant:ChilledWaterLoop
- HVACTemplate:Plant:Chiller
- HVACTemplate:Plant:Chiller:ObjectReference
- HVACTemplate:Plant:Tower
- HVACTemplate:Plant:Tower:ObjectReference
- HVACTemplate:Plant:HotWaterLoop
- HVACTemplate:Plant:Boiler
- HVACTemplate:Plant:Boiler:ObjectReference
- HVACTemplate:Plant:MixedWaterLoop

HVAC Design Objects

- DesignSpecification:OutdoorAir
- DesignSpecification:ZoneAirDistribution
- Sizing:Parameters
- Sizing:Zone
- Sizing:System
- Sizing:Plant
- OutputControl:Sizing:Style

Zone HVAC Controls and Thermostats

- ZoneControl:Humidistat
- ZoneControl:Thermostat
- ZoneControl:Thermostat:OperativeTemperature
- ZoneControl:Thermostat:ThermalComfort
- ZoneControl:Thermostat:TemperatureAndHumidity
- ThermostatSetpoint:SingleHeating
- ThermostatSetpoint:SingleCooling
- ThermostatSetpoint:SingleHeatingOrCooling
- ThermostatSetpoint:DualSetpoint
- ThermostatSetpoint:ThermalComfort:Fanger:SingleHeating
- ThermostatSetpoint:ThermalComfort:Fanger:SingleCooling
- ThermostatSetpoint:ThermalComfort:Fanger:SingleHeatingOrCooling
- ThermostatSetpoint:ThermalComfort:Fanger:DualSetpoint
- ZoneControl:ContaminantController

Zone HVAC Forced Air Units

- ZoneHVAC:IdealLoadsAirSystem
- ZoneHVAC:FourPipeFanCoil
- ZoneHVAC:WindowAirConditioner
- ZoneHVAC:PackagedTerminalAirConditioner
- ZoneHVAC:PackagedTerminalHeatPump
- ZoneHVAC:WaterToAirHeatPump
- ZoneHVAC:Dehumidifier:DX
- ZoneHVAC:EnergyRecoveryVentilator
- ZoneHVAC:EnergyRecoveryVentilator:Controller

- ZoneHVAC:UnitVentilator
- ZoneHVAC:UnitHeater
- ZoneHVAC:OutdoorAirUnit
- ZoneHVAC:OutdoorAirUnit:EquipmentList
- ZoneHVAC:TerminalUnit:VariableRefrigerantFlow

Zone HVAC Radiative/Convective Units

- ZoneHVAC:Baseboard:RadiantConvective:Water
- ZoneHVAC:Baseboard:RadiantConvective:Steam
- ZoneHVAC:Baseboard:RadiantConvective:Electric
- ZoneHVAC:Baseboard:Convective:Water
- ZoneHVAC:Baseboard:Convective:Electric
- ZoneHVAC:LowTemperatureRadiant:VariableFlow
- ZoneHVAC:LowTemperatureRadiant:ConstantFlow
- ZoneHVAC:LowTemperatureRadiant:Electric
- ZoneHVAC:LowTemperatureRadiant:SurfaceGroup
- ZoneHVAC:HighTemperatureRadiant
- ZoneHVAC:VentilatedSlab
- ZoneHVAC:VentilatedSlab:SlabGroup

Zone HVAC Air Loop Terminal Units

- AirTerminal:SingleDuct:Uncontrolled
- AirTerminal:SingleDuct:ConstantVolume:Reheat
- AirTerminal:SingleDuct:VAV:NoReheat
- AirTerminal:SingleDuct:VAV:Reheat
- AirTerminal:SingleDuct:VAV:Reheat:VariableSpeedFan
- AirTerminal:SingleDuct:VAV:HeatAndCool:NoReheat
- AirTerminal:SingleDuct:VAV:HeatAndCool:Reheat
- AirTerminal:SingleDuct:SeriesPIU:Reheat
- AirTerminal:SingleDuct:ParallelPIU:Reheat
- AirTerminal:SingleDuct:ConstantVolume:FourPipeInduction
- AirTerminal:SingleDuct:ConstantVolume:CooledBeam
- AirTerminal:DualDuct:ConstantVolume
- AirTerminal:DualDuct:VAV
- AirTerminal:DualDuct:VAV:OutdoorAir
- ZoneHVAC:AirDistributionUnit

Zone HVAC Equipment Connections

- ZoneHVAC:EquipmentList
- ZoneHVAC:EquipmentConnections

Fans

- Fan:ConstantVolume
- Fan:VariableVolume
- Fan:OnOff
- Fan:ZoneExhaust
- FanPerformance:NightVentilation
- Fan:ComponentModel

Coils

- Coil:Cooling:Water
- Coil:Cooling:Water:DetailedGeometry
- Coil:Cooling:DX:SingleSpeed
- Coil:Cooling:DX:TwoSpeed
- Coil:Cooling:DX:MultiSpeed
- Coil:Cooling:DX:VariableSpeed
- Coil:Cooling:DX:TwoStageWithHumidityControlMode
- CoilPerformance:DX:Cooling
- Coil:Cooling:DX:VariableRefrigerantFlow
- Coil:Heating:DX:VariableRefrigerantFlow
- Coil:Heating:Water
- Coil:Heating:Steam
- Coil:Heating:Electric
- Coil:Heating:Gas
- Coil:Heating:Desuperheater
- Coil:Heating:DX:SingleSpeed

Coils (cont'd)

- Coil:Heating:DX:MultiSpeed
- Coil:Heating:DX:VariableSpeed
- Coil:Cooling:WaterToAirHeatPump:ParameterEstimation
- Coil:Heating:WaterToAirHeatPump:ParameterEstimation
- Coil:Cooling:WaterToAirHeatPump:EquationFit
- Coil:Cooling:WaterToAirHeatPump:VariableSpeedEquationFit
- Coil:Heating:WaterToAirHeatPump:EquationFit
- Coil:Heating:WaterToAirHeatPump:VariableSpeedEquationFit
- Coil:WaterHeating:AirToWaterHeatPump
- Coil:WaterHeating:Desuperheater
- CoilSystem:Cooling:DX
- CoilSystem:Heating:DX
- CoilSystem:Cooling:Water:HeatExchangerAssisted
- CoilSystem:Cooling:DX:HeatExchangerAssisted

Evaporative Coolers

- EvaporativeCooler:Direct:CelDekPad
- EvaporativeCooler:Indirect:CelDekPad
- EvaporativeCooler:Indirect:WetCoil
- EvaporativeCooler:Indirect:ResearchSpecial
- EvaporativeCooler:Direct:ResearchSpecial

Humidifiers and Dehumidifiers

- Humidifier:Steam:Electric
- Dehumidifier:Desiccant:NoFans
- Dehumidifier:Desiccant:System

Heat Recovery

- HeatExchanger:AirToAir:FlatPlate
- HeatExchanger:AirToAir:SensibleAndLatent
- HeatExchanger:Desiccant:BalancedFlow
- HeatExchanger:Desiccant:BalancedFlow:PerformanceDataType1

Unitary Equipment

- AirLoopHVAC:Unitary:Furnace:HeatOnly
- AirLoopHVAC:Unitary:Furnace:HeatCool
- AirLoopHVAC:Unitary:HeatOnly
- AirLoopHVAC:Unitary:HeatCool
- AirLoopHVAC:Unitary:HeatPump:AirToAir
- AirLoopHVAC:Unitary:HeatPump:WaterToAir
- AirLoopHVAC:Unitary:HeatCool:VAVChangeoverBypass
- AirLoopHVAC:Unitary:HeatPump:AirToAir:MultiSpeed

Variable Refrigerant Flow Equipment

- AirConditioner:VariableRefrigerantFlow
- ZoneTerminalUnitList

Controllers

- Controller:WaterCoil
- Controller:OutdoorAir
- Controller:MechanicalVentilation
- AirLoopHVAC:ControllerList

Air Distribution

- AirLoopHVAC
- AirLoopHVAC:OutdoorAirSystem:EquipmentList
- AirLoopHVAC:OutdoorAirSystem
- OutdoorAir:Mixer
- AirLoopHVAC:ZoneSplitter
- AirLoopHVAC:SupplyPlenum
- AirLoopHVAC:SupplyPath
- AirLoopHVAC:ZoneMixer
- AirLoopHVAC:ReturnPlenum
- AirLoopHVAC:ReturnPath

Node-Branch Management

- Branch
- BranchList
- Connector:Splitter
- Connector:Mixer
- ConnectorList
- NodeList
- OutdoorAir:Node
- OutdoorAir:NodeList
- Pipe:Adiabatic
- Pipe:Adiabatic:Steam
- Pipe:Indoor
- Pipe:Outdoor
- Pipe:Underground
- PipingSystem:Underground:Domain
- PipingSystem:Underground:PipeCircuit
- PipingSystem:Underground:PipeSegment
- Duct

Pumps

- Pump:VariableSpeed
- Pump:ConstantSpeed
- Pump:VariableSpeed:Condensate
- HeaderedPumps:ConstantSpeed
- HeaderedPumps:VariableSpeed

Plant-Condenser Flow Control

- TemperingValve

Non-Zone Equipment

- LoadProfile:Plant

Solar Collectors

- SolarCollectorPerformance:FlatPlate
- SolarCollector:FlatPlate:Water
- SolarCollector:FlatPlate:PhotovoltaicThermal
- SolarCollectorPerformance:PhotovoltaicThermal:Simple
- SolarCollector:IntegralCollectorStorage
- SolarCollectorPerformance:IntegralCollectorStorage
- SolarCollector:UnglazedTranspired
- SolarCollector:UnglazedTranspired:Multisystem

Plant Heating and Cooling Equipment

- Boiler:HotWater
- Boiler:Steam
- Chiller:Electric:EIR
- Chiller:Electric:ReformulatedEIR
- Chiller:Electric
- Chiller:Absorption:Indirect
- Chiller:Absorption
- Chiller:ConstantCOP
- Chiller:EngineDriven
- Chiller:CombustionTurbine
- ChillerHeater:Absorption:DirectFired
- ChillerHeater:Absorption:DoubleEffect
- HeatPump:WaterToWater:EquationFit:Heating
- HeatPump:WaterToWater:EquationFit:Cooling
- HeatPump:WaterToWater:ParameterEstimation:Cooling
- HeatPump:WaterToWater:ParameterEstimation:Heating
- DistrictCooling
- DistrictHeating

Condenser Equipment and Heat Exchangers

- CoolingTower:SingleSpeed
- CoolingTower:TwoSpeed
- CoolingTower:VariableSpeed
- CoolingTowerPerformance:CoolTools
- CoolingTowerPerformance:YorkCalc
- EvaporativeFluidCooler:SingleSpeed
- EvaporativeFluidCooler:TwoSpeed
- FluidCooler:SingleSpeed
- FluidCooler:TwoSpeed
- GroundHeatExchanger:Vertical
- GroundHeatExchanger:Pond
- GroundHeatExchanger:Surface
- HeatExchanger:Hydronic
- HeatExchanger:Plate
- HeatExchanger:WatersideEconomizer

Water Heaters and Thermal Storage

- WaterHeater:Mixed
- WaterHeater:Stratified
- WaterHeater:Sizing
- WaterHeater:HeatPump
- ThermalStorage:Ice:Simple
- ThermalStorage:Ice:Detailed
- ThermalStorage:ChilledWater:Mixed
- ThermalStorage:ChilledWater:Stratified

Plant-Condenser Loops

- PlantLoop
- CondenserLoop

Plant-Condenser Control

- PlantEquipmentList
- CondenserEquipmentList
- PlantEquipmentOperation:Uncontrolled
- PlantEquipmentOperation:CoolingLoad
- PlantEquipmentOperation:HeatingLoad
- PlantEquipmentOperation:OutdoorDryBulb
- PlantEquipmentOperation:OutdoorWetBulb
- PlantEquipmentOperation:OutdoorRelativeHumidity
- PlantEquipmentOperation:OutdoorDewpoint
- PlantEquipmentOperation:ComponentSetpoint
- PlantEquipmentOperation:OutdoorDryBulbDifference
- PlantEquipmentOperation:OutdoorWetBulbDifference
- PlantEquipmentOperation:OutdoorDewpointDifference
- PlantEquipmentOperationSchemes
- CondenserEquipmentOperationSchemes

Energy Management System (EMS)

- EnergyManagementSystem:Sensor
- EnergyManagementSystem:Actuator
- EnergyManagementSystem:ProgramCallingManager
- EnergyManagementSystem:Program
- EnergyManagementSystem:Subroutine
- EnergyManagementSystem:GlobalVariable
- EnergyManagementSystem:OutputVariable
- EnergyManagementSystem:MeteredOutputVariable
- EnergyManagementSystem:TrendVariable
- EnergyManagementSystem:InternalVariable
- EnergyManagementSystem:CurveOrTableIndexVariable
- EnergyManagementSystem:ConstructionIndexVariable

External Interface

- ExternalInterface
- ExternalInterface:Schedule
- ExternalInterface:Variable
- ExternalInterface:Actuator
- ExternalInterface:FunctionalMockupUnitImport
- ExternalInterface:FunctionalMockupUnitImport:From:Variable
- ExternalInterface:FunctionalMockupUnitImport:To:Schedule
- ExternalInterface:FunctionalMockupUnitImport:To:Actuator
- ExternalInterface:FunctionalMockupUnitImport:To:Variable

User Defined HVAC and Plant Component Models

- ZoneHVAC:ForcedAir:UserDefined
- AirTerminal:SingleDuct:UserDefined
- Coil:UserDefined
- PlantComponent:UserDefined

System Availability Managers

- AvailabilityManager:Scheduled
- AvailabilityManager:ScheduledOn
- AvailabilityManager:ScheduledOff
- AvailabilityManager:NightCycle
- AvailabilityManager:DifferentialThermostat
- AvailabilityManager:HighTemperatureTurnOff
- AvailabilityManager:HighTemperatureTurnOn
- AvailabilityManager:LowTemperatureTurnOff
- AvailabilityManager:LowTemperatureTurnOn
- AvailabilityManager:NightVentilation
- AvailabilityManager:HybridVentilation
- AvailabilityManager:AssignmentList

Setpoint Managers

- SetpointManager:Scheduled
- SetpointManager:Scheduled:DualSetpoint
- SetpointManager:OutdoorAirReset
- SetpointManager:SingleZone:Reheat
- SetpointManager:SingleZone:Heating
- SetpointManager:SingleZone:Cooling
- SetpointManager:SingleZone:Humidity:Minimum
- SetpointManager:SingleZone:Humidity:Maximum
- SetpointManager:MixedAir
- SetpointManager:OutdoorAirPretreat
- SetpointManager:Warmest
- SetpointManager:Coldest
- SetpointManager:ReturnAirBypassFlow
- SetpointManager:WarmestTemperatureFlow
- SetpointManager:MultiZone:Heating:Average
- SetpointManager:MultiZone:Cooling:Average
- SetpointManager:MultiZone:MinimumHumidity:Average
- SetpointManager:MultiZone:MaximumHumidity:Average
- SetpointManager:MultiZone:Humidity:Minimum
- SetpointManager:MultiZone:Humidity:Maximum
- SetpointManager:FollowOutdoorAirTemperature
- SetpointManager:FollowSystemNodeTemperature
- SetpointManager:FollowGroundTemperature
- SetpointManager:CondenserEnteringReset
- SetpointManager:CondenserEnteringReset:Ideal

Refrigeration

- Refrigeration:Case
- Refrigeration:CompressorRack
- Refrigeration:CaseAndWalkInList
- Refrigeration:Condenser:AirCooled
- Refrigeration:Condenser:EvaporativeCooled
- Refrigeration:Condenser:WaterCooled
- Refrigeration:Condenser:Cascade

Refrigeration (cont'd)

- Refrigeration:GasCooler:AirCooled
- Refrigeration:TransferLoadList
- Refrigeration:Subcooler
- Refrigeration:Compressor
- Refrigeration:CompressorList
- Refrigeration:System
- Refrigeration:TranscriticalSystem
- Refrigeration:SecondarySystem
- Refrigeration:WalkIn
- Refrigeration:AirChiller
- ZoneHVAC:RefrigerationChillerSet

Demand Limiting Controls

- DemandManager:ExteriorLights
- DemandManager:Lights
- DemandManager:ElectricEquipment
- DemandManager:Thermostats
- DemandManagerAssignmentList

Electric Load Center-Generator Specifications

- Generator:InternalCombustionEngine
- Generator:CombustionTurbine
- Generator:MicroTurbine
- Generator:Photovoltaic
- PhotovoltaicPerformance:Simple
- PhotovoltaicPerformance:EquivalentOne-Diode
- PhotovoltaicPerformance:Sandia
- Generator:FuelCell
- Generator:FuelCell:PowerModule
- Generator:FuelCell:AirSupply
- Generator:FuelCell:WaterSupply
- Generator:FuelCell:AuxiliaryHeater
- Generator:FuelCell:ExhaustGasToWaterHeatExchanger
- Generator:FuelCell:ElectricalStorage
- Generator:FuelCell:Inverter
- Generator:FuelCell:StackCooler
- Generator:MicroCHP
- Generator:MicroCHP:NonNormalizedParameters
- Generator:FuelSupply
- Generator:WindTurbine
- ElectricLoadCenter:Generators
- ElectricLoadCenter:Inverter:Simple
- ElectricLoadCenter:Inverter:FunctionOfPower
- ElectricLoadCenter:Inverter:LookUpTable
- ElectricLoadCenter:Storage:Simple
- ElectricLoadCenter:Storage:Battery
- ElectricLoadCenter:Transformer
- ElectricLoadCenter:Distribution

Water Systems

- WaterUse:Equipment
- WaterUse:Connections
- WaterUse:Storage
- WaterUse:Well
- WaterUse:RainCollector

General Data Entry

- Matrix:TwoDimension

Performance Curves

- Curve:Linear
- Curve:QuadLinear
- Curve:Quadratic
- Curve:Cubic
- Curve:Quartic
- Curve:Exponent
- Curve:Bicubic
- Curve:Biquadratic
- Curve:QuadraticLinear
- Curve:Triquadratic
- Curve:Functional:PressureDrop
- Curve:FanPressureRise
- Curve:ExponentialSkewNormal
- Curve:Sigmoid
- Curve:RectangularHyperbola1
- Curve:RectangularHyperbola2
- Curve:ExponentialDecay
- Curve:DoubleExponentialDecay

Performance Tables

- Table:OneIndependentVariable
- Table:TwoIndependentVariables
- Table:MultiVariableLookup

Fluid Properties

- FluidProperties:Name
- FluidProperties:GlycolConcentration
- FluidProperties:Temperatures
- FluidProperties:Saturated
- FluidProperties:Superheated
- FluidProperties:Concentration

Economics

- CurrencyType
- ComponentCost:Adjustments
- ComponentCost:Reference
- ComponentCost:LineItem
- UtilityCost:Tariff
- UtilityCost:Qualify
- UtilityCost:Charge:Simple
- UtilityCost:Charge:Block
- UtilityCost:Ratchet
- UtilityCost:Variable
- UtilityCost:Computation
- LifeCycleCost:Parameters
- LifeCycleCost:RecurringCosts
- LifeCycleCost:NonrecurringCost
- LifeCycleCost:UsePriceEscalation
- LifeCycleCost:UseAdjustment

Parametrics

- Parametric:SetValueForRun
- Parametric:Logic
- Parametric:RunControl
- Parametric:FileNameSuffix

Output Reporting

- Output:VariableDictionary
- Output:Surfaces:List
- Output:Surfaces:Drawing
- Output:Schedules
- Output:Constructions
- Output:EnergyManagementSystem
- OutputControl:SurfaceColorScheme
- Output:Table:SummaryReports
- Output:Table:TimeBins
- Output:Table:Monthly
- OutputControl:Table:Style
- OutputControl:ReportingTolerances
- Output:Variable
- Output:Meter
- Output:Meter:MeterFileOnly
- Output:Meter:Cumulative
- Output:Meter:Cumulative:MeterFileOnly
- Meter:Custom
- Meter:CustomDecrement
- Output:SQLite
- Output:EnvironmentalImpactFactors
- EnvironmentalImpactFactors
- FuelFactors
- Output:Diagnostics
- Output:DebuggingData
- Output:PreprocessorMessage