

DaylightMapHourlyReports		
PK	HourlyReportIndex	INTEGER
FK1	MapNumber	INTEGER
	Month	INTEGER
	DayOfMonth	INTEGER
	Hour	INTEGER

DaylightMapHourlyData		
PK	HourlyDataIndex	INTEGER
FK1	HourlyReportIndex	INTEGER
	X	FLOAT
	Y	FLOAT
	Illuminance	FLOAT

NominalOtherEquipment		
PK	NominalOtherEquipmentIndex	INTEGER
FK1	ObjectName	LONGVARBINARY
	ZoneIndex	INTEGER
	DesignLevel	FLOAT
	FractionLatent	FLOAT
	FractionRadiant	FLOAT
	FractionLost	FLOAT
	FractionConvected	FLOAT
FK2	EndUseSubcategory	LONGVARBINARY
	ScheduleIndex	INTEGER

Materials		
PK	MaterialIndex	INTEGER
	Name	LONGVARBINARY
	MaterialType	INTEGER
	Roughness	INTEGER
	Conductivity	FLOAT
	Density	FLOAT
	IsoMoistCap	FLOAT
	Porosity	FLOAT
	Resistance	FLOAT
	ROnly	INTEGER
	SpecHeat	FLOAT
	ThermGradCoef	FLOAT
	Thickness	FLOAT
	VaporDiffus	FLOAT

DaylightMaps		
PK	MapNumber	INTEGER
FK1	MapName	LONGVARBINARY
	Environment	LONGVARBINARY
	Zone	INTEGER
	ReferencePt1	LONGVARBINARY
	ReferencePt2	LONGVARBINARY
	Z	FLOAT

NominalBaseboardHeaters		
PK	NominalBaseboardHeaterIndex	INTEGER
FK2	ObjectName	LONGVARBINARY
FK1	ZoneIndex	INTEGER
	ScheduleIndex	INTEGER
	CapatLowTemperature	FLOAT
	LowTemperature	FLOAT
	CapatHighTemperature	FLOAT
	HighTemperature	FLOAT
	FractionRadiant	FLOAT
	FractionConvected	FLOAT
	EndUseSubcategory	LONGVARBINARY

NominalGasEquipment		
PK	NominalGasEquipmentIndex	INTEGER
FK2	ObjectName	LONGVARBINARY
FK1	ZoneIndex	INTEGER
	ScheduleIndex	INTEGER
	DesignLevel	FLOAT
	FractionLatent	FLOAT
	FractionRadiant	FLOAT
	FractionLost	FLOAT
	FractionConvected	FLOAT
	EndUseSubcategory	LONGVARBINARY

NominalInfiltration		
PK	NominalInfiltrationIndex	INTEGER
FK2	ObjectName	LONGVARBINARY
FK1	ZoneIndex	INTEGER
	ScheduleIndex	INTEGER
	DesignLevel	FLOAT

NominalVentilation		
PK	NominalVentilationIndex	INTEGER
FK2	ObjectName	LONGVARBINARY
FK1	ZoneIndex	INTEGER
	ScheduleIndex	INTEGER
	DesignLevel	FLOAT

NominalSteamEquipment		
PK,FK2	ZoneIndex	INTEGER
PK	NominalSteamEquipmentIndex	INTEGER
FK1	ObjectName	LONGVARBINARY
	ScheduleIndex	INTEGER
	DesignLevel	FLOAT
	FractionLatent	FLOAT
	FractionRadiant	FLOAT
	FractionLost	FLOAT
	FractionConvected	FLOAT
	EndUseSubcategory	LONGVARBINARY

NominalHotWaterEquipment		
PK	NominalHotWaterEquipmentIndex	INTEGER
FK2	ObjectName	LONGVARBINARY
FK1	ZoneIndex	INTEGER
	SchedNo	INTEGER
	DesignLevel	FLOAT
	FractionLatent	FLOAT
	FractionRadiant	FLOAT
	FractionLost	FLOAT
	FractionConvected	FLOAT
	EndUseSubcategory	LONGVARBINARY

NominalLighting		
PK	NominalLightingIndex	INTEGER
FK2	ObjectName	LONGVARBINARY
FK1	ZoneIndex	INTEGER
	ScheduleIndex	INTEGER
	DesignLevel	FLOAT
	FractionReturnAir	FLOAT
	FractionRadiant	FLOAT
	FractionShortWave	FLOAT
	FractionReplaceable	FLOAT
	FractionConvected	FLOAT
	EndUseSubcategory	LONGVARBINARY

NominalElectricEquipment		
PK	NominalElectricEquipmentIndex	INTEGER
FK2	ObjectName	LONGVARBINARY
FK1	ZoneIndex	INTEGER
	ScheduleIndex	INTEGER
	DesignLevel	FLOAT
	FractionLatent	FLOAT
	FractionRadiant	FLOAT
	FractionLost	FLOAT
	FractionConvected	FLOAT
	EndUseSubcategory	LONGVARBINARY

Schedules		
PK	ScheduleIndex	INTEGER
	ScheduleName	LONGVARBINARY
	ScheduleType	LONGVARBINARY
	ScheduleMinimum	FLOAT
	ScheduleMaximum	FLOAT

ConstructionLayers		
PK	ConstructionLayersIndex	INTEGER
FK2	ConstructionIndex	INTEGER
FK1	LayerIndex	INTEGER
	MaterialIndex	INTEGER

Constructions		
PK	ConstructionIndex	INTEGER
	Name	LONGVARBINARY
	TotalLayers	INTEGER
	TotalSolidLayers	INTEGER
	TotalGlassLayers	INTEGER
	InsideAbsorpVis	FLOAT
	OutsideAbsorpVis	FLOAT
	InsideAbsorpSolar	FLOAT
	OutsideAbsorpSolar	FLOAT
	InsideAbsorpThermal	FLOAT
	OutsideAbsorpThermal	FLOAT
	OutsideRoughness	INTEGER
	TypelsWindow	INTEGER
	Uvalue	FLOAT

Surfaces		
PK	SurfaceIndex	INTEGER
FK3	SurfaceName	LONGVARBINARY
	ConstructionIndex	INTEGER
	ClassName	LONGVARBINARY
	Area	FLOAT
	GrossArea	FLOAT
	Perimeter	FLOAT
	Azimuth	FLOAT
	Height	FLOAT
	Reveal	FLOAT
	Shape	INTEGER
	Sides	INTEGER
	Tilt	FLOAT
	Width	FLOAT
	HeatTransferSurf	INTEGER
FK2	BaseSurfaceIndex	INTEGER
FK1	ZoneIndex	INTEGER
	ExtBoundCond	INTEGER
	ExtSolar	INTEGER
	ExtWind	INTEGER

NominalPeople		
PK	NominalPeopleIndex	INTEGER
FK7	ObjectName	LONGVARBINARY
	ZoneIndex	INTEGER
	NumberOfPeople	INTEGER
FK6	NumberOfPeopleScheduleIndex	INTEGER
FK5	ActivityScheduleIndex	INTEGER
	FractionRadiant	FLOAT
	FractionConvected	FLOAT
FK4	WorkEfficiencyScheduleIndex	INTEGER
FK3	ClothingEfficiencyScheduleIndex	INTEGER
FK2	AirVelocityScheduleIndex	INTEGER
	Fanger	INTEGER
	Pierce	INTEGER
	KSU	INTEGER
	MRTCalcType	INTEGER
FK1	SurfaceIndex	INTEGER
	AngleFactorListName	LONGVARBINARY
	AngleFactorList	INTEGER
	UserSpecifeidSensibleFraction	FLOAT
	Show55Warning	INTEGER

Zones		
PK	ZoneIndex	INTEGER
	ZoneName	LONGVARBINARY
	RelNorth	FLOAT
	OriginX	FLOAT
	OriginY	FLOAT
	OriginZ	FLOAT
	CentroidX	FLOAT
	CentroidY	FLOAT
	CentroidZ	FLOAT
	OfType	INTEGER
	Multiplier	FLOAT
	ListMultiplier	FLOAT
	MinimumX	FLOAT
	MaximumX	FLOAT
	MinimumY	FLOAT
	MaximumY	FLOAT
	MinimumZ	FLOAT
	MaximumZ	FLOAT
	CeilingHeight	FLOAT
	Volume	FLOAT
	InsideConvectionAlgo	INTEGER
	OutsideConvectionAlgo	INTEGER
	FloorArea	FLOAT
	ExtGrossWallArea	FLOAT
	ExtNetWallArea	FLOAT
	ExtWindowArea	FLOAT
	IsPartOfTotalArea	INTEGER

ZoneInfoZoneLists		
PK,FK2	ZoneListIndex	INTEGER
PK,FK1	ZoneIndex	INTEGER

ZoneLists		
PK	ZoneListIndex	INTEGER
	Name	LONGVARBINARY

ZoneGroups		
PK	ZoneGroupIndex	INTEGER
FK1	ZoneGroupName	LONGVARBINARY
	ZoneListIndex	INTEGER
	ZoneListMultiplier	INTEGER

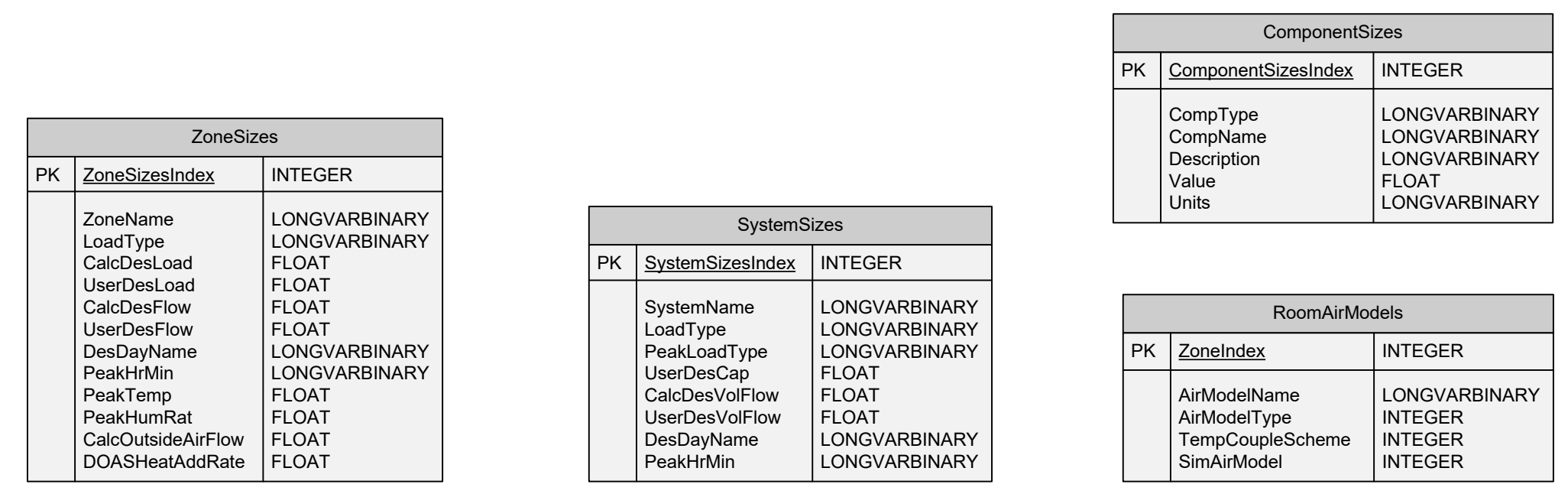
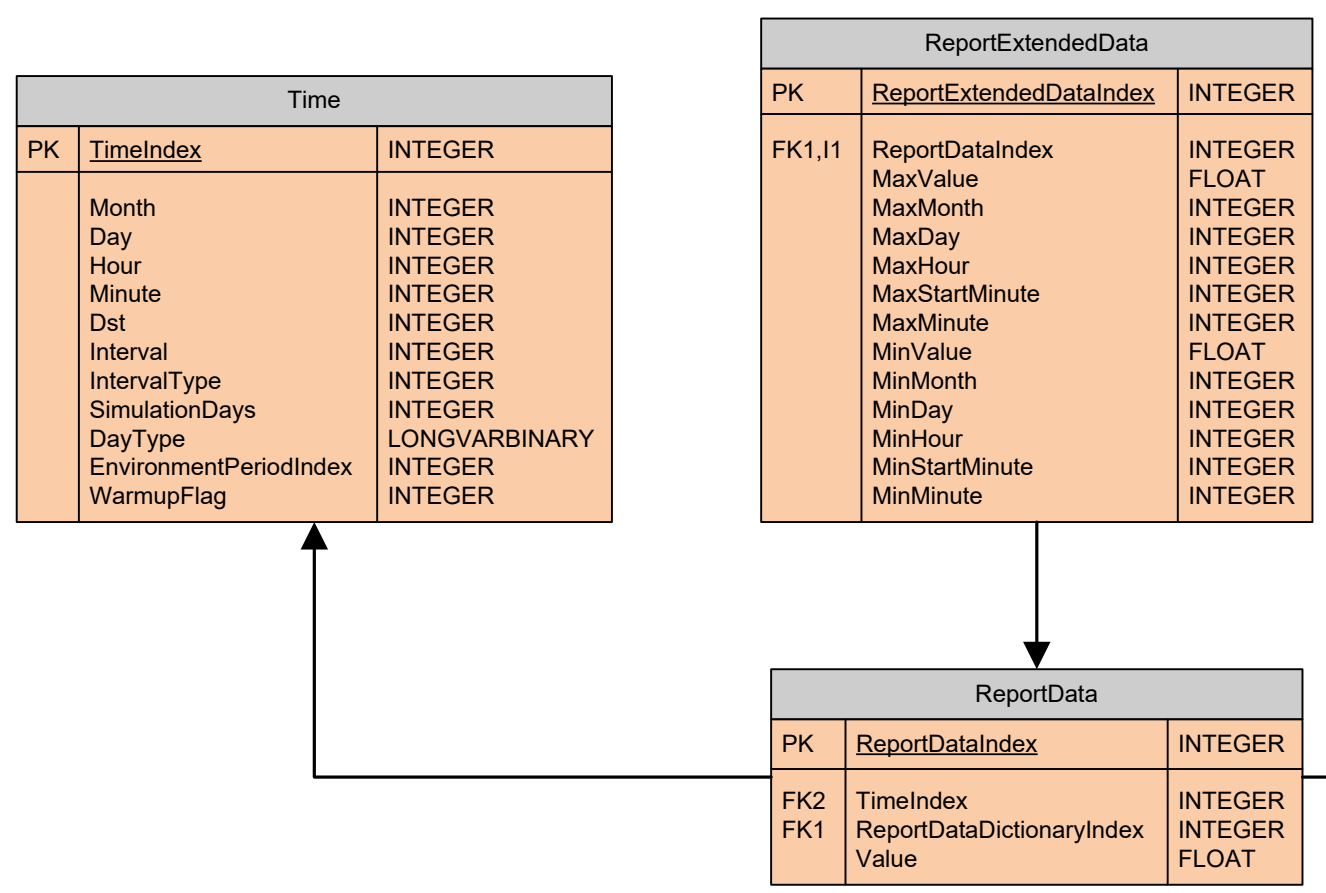
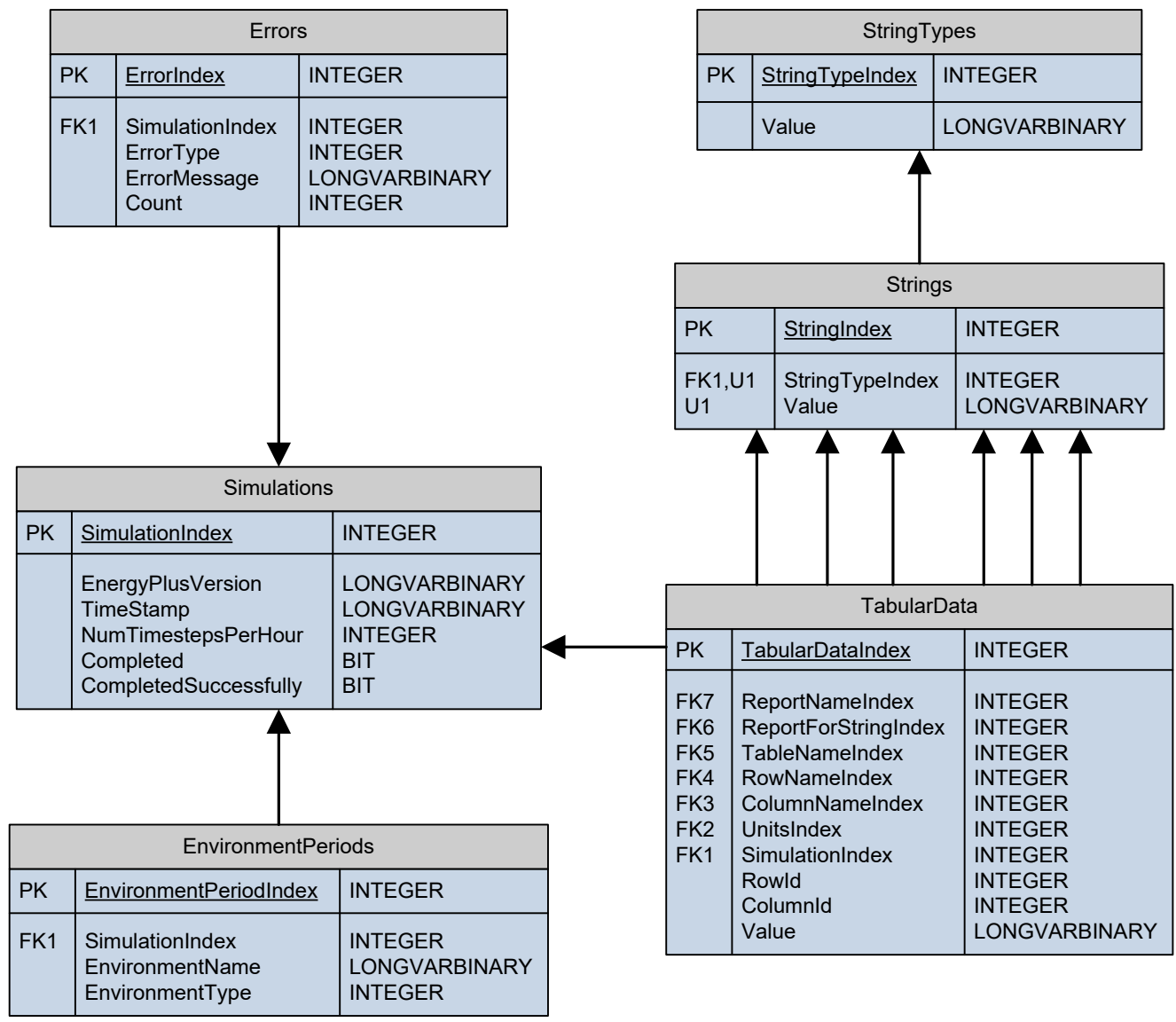


Data in the following four tables are also found in EnergyPlus' standard output file eplusout.eso. or in EnergyPlus' eplusout.mtr (i.e. meter) output file. As with the standard output file, the "Report Variable" and "Report Meter" commands control the data in these tables.

The TabularData table is only output when the "SimpleAndTabular" choice is made in the Output:SQLite object. The TabularData table contains all of the tabular report information that is typically output to one of the formats controlled by the OutputControl:Table:Style object. This is a generic way of dumping all of the existing tabular reports to the SQLite database.



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Errors		
PK	<u>ErrorIndex</u>	INTEGER
FK1	SimulationIndex ErrorType ErrorMessage Count	INTEGER INTEGER LONGVARBINARY INTEGER

StringTypes		
PK	<u>StringTypeIndex</u>	INTEGER
	Value	LONGVARBINARY

Strings		
PK	<u>StringIndex</u>	INTEGER
FK1,U1 U1	StringTypeIndex Value	INTEGER LONGVARBINARY

Simulations		
PK	<u>SimulationIndex</u>	INTEGER
	EnergyPlusVersion TimeStamp NumTimestepsPerHour Completed CompletedSuccessfully	LONGVARBINARY LONGVARBINARY INTEGER BIT BIT

EnvironmentPeriods		
PK	<u>EnvironmentPeriodIndex</u>	INTEGER
FK1	SimulationIndex EnvironmentName EnvironmentType	INTEGER LONGVARBINARY INTEGER

TabularData		
PK	<u>TabularDataIndex</u>	INTEGER
FK7 FK6 FK5 FK4 FK3 FK2 FK1	ReportNameIndex ReportForStringIndex TableNameIndex RowNameIndex ColumnNameIndex UnitsIndex SimulationIndex RowId ColumnId Value	INTEGER INTEGER INTEGER INTEGER INTEGER INTEGER INTEGER INTEGER INTEGER LONGVARBINARY

Time		
PK	<u>TimeIndex</u>	INTEGER
	Month Day Hour Minute Dst Interval IntervalType SimulationDays DayType EnvironmentPeriodIndex WarmupFlag	INTEGER INTEGER INTEGER INTEGER INTEGER INTEGER INTEGER INTEGER LONGVARBINARY INTEGER INTEGER

ReportExtendedData		
PK	<u>ReportExtendedDataIndex</u>	INTEGER
FK1,11	ReportDataIndex MaxValue MaxMonth MaxDay MaxHour MaxStartMinute MaxMinute MinValue MinMonth MinDay MinHour MinStartMinute MinMinute	INTEGER FLOAT INTEGER INTEGER INTEGER INTEGER INTEGER FLOAT INTEGER INTEGER INTEGER INTEGER INTEGER INTEGER

ReportDataDictionary		
PK	<u>ReportDataDictionaryIndex</u>	INTEGER
11	IsMeter Type IndexGroup TimestepType KeyValue Name ReportingFrequency ScheduleName Units	INTEGER LONGVARBINARY LONGVARBINARY LONGVARBINARY LONGVARBINARY LONGVARBINARY LONGVARBINARY LONGVARBINARY LONGVARBINARY

ReportData		
PK	<u>ReportDataIndex</u>	INTEGER
FK2 FK1	TimeIndex ReportDataDictionaryIndex Value	INTEGER INTEGER FLOAT

ZoneSizes		
PK	<u>ZoneSizesIndex</u>	INTEGER
	ZoneName LoadType CalcDesLoad UserDesLoad CalcDesFlow UserDesFlow DesDayName PeakHrMin PeakTemp PeakHumRat CalcOutsideAirFlow DOASHeatAddRate	LONGVARBINARY LONGVARBINARY FLOAT FLOAT FLOAT FLOAT LONGVARBINARY LONGVARBINARY FLOAT FLOAT FLOAT FLOAT FLOAT

SystemSizes		
PK	<u>SystemSizesIndex</u>	INTEGER
	SystemName LoadType PeakLoadType UserDesCap CalcDesVolFlow UserDesVolFlow DesDayName PeakHrMin	LONGVARBINARY LONGVARBINARY LONGVARBINARY FLOAT FLOAT FLOAT LONGVARBINARY LONGVARBINARY

ComponentSizes		
PK	<u>ComponentSizesIndex</u>	INTEGER
	CompType CompName Description Value Units	LONGVARBINARY LONGVARBINARY LONGVARBINARY FLOAT LONGVARBINARY

RoomAirModels		
PK	<u>ZoneIndex</u>	INTEGER
	AirModelName AirModelType TempCoupleScheme SimAirModel	LONGVARBINARY INTEGER INTEGER INTEGER