SynchronousMachineDynamics
SynchronousMachineUserDefined
+ proprietary: Boolean [0..1]

AsynchronousMachineDynamics
AsynchronousMachineUserDefined
+ proprietary: Boolean [0..1]

LoadDynamics
LoadUserDefined
+ proprietary: Boolean [0..1]

VSCDynamics
VSCUserDefined
+ proprietary: Boolean [0..1]

CSCDynamics
CSCUserDefined
+ proprietary: Boolean [0..1]

StaticVarCompensatorDynamics
SVCUserDefined
+ proprietary: Boolean [0..1]

ProprietaryParameterDynamics
+ booleanParameterValue: Boolean [0..1]
+ floatParameterValue: Float [0..1]
+ integerParameterValue: Integer [0..1]
+ parameterNumber: Integer [0..1]

+SynchronousMachineUserDefined 0..1
+AsynchronousMachineUserDefined 0..1
+LoadUserDefined 0..1
+ProprietaryParameterDynamics 0..*
+VSCUserDefined 0..1
+ProprietaryParameterDynamics 0..*
+WindType1or2UserDefined 0..1
+ProprietaryParameterDynamics 0..*
+CSCUserDefined 0..1
+ProprietaryParameterDynamics 0..*
+ProprietaryParameterDynamics 0..*
+SVCUserDefined 0..1
+WindType3or4UserDefined
+ProprietaryParameterDynamics 0..*
+ProprietaryParameterDynamics 0..*
+WindPlantUserDefined

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+TurbineGovernorUserDefined 0..1
+MechanicalLoadUserDefined 0..1
+ExcitationSystemUserDefined 0..1
+PowerSystemStabilizerUserDefined 0..1

TurbineGovernorDynamics
TurbineGovernorUserDefined
+ proprietary: Boolean [0..1]

MechanicalLoadDynamics
MechanicalLoadUserDefined
+ proprietary: Boolean [0..1]

ExcitationSystemDynamics
ExcitationSystemUserDefined
+ proprietary: Boolean [0..1]

PowerSystemStabilizerD...
PowerSystemStabilizerUserDef...
+ proprietary: Boolean [0..1]

+TurbineLoadControllerUserDefined 0..1

TurbineLoadControllerDynamics
TurbineLoadControllerUserDefined
+ proprietary: Boolean [0..1]

+OverexcitationLimiterUserDefined 0..1

OverexcitationLimiterDynamics
OverexcitationLimiterUserDefined
+ proprietary: Boolean [0..1]

+UnderexcitationLimiterUserDefined 0..1

UnderexcitationLimiterDynamics
UnderexcitationLimiterUserDefined
+ proprietary: Boolean [0..1]

+PFVArControllerType1UserDefined 0..1
+PFVArControllerType2UserDefined 0..1
+VoltageCompensatorUserDefine... 0..1

PFVArControllerType1Dynamics
PFVArControllerType1UserDefined
+ proprietary: Boolean [0..1]

PFVArControllerType2Dynamics
PFVArControllerType2UserDefined
+ proprietary: Boolean [0..1]

VoltageCompensatorDyna...
VoltageCompensatorUserDefine...
+ proprietary: Boolean [0..1]

+VoltageAdjusterUserDefined 0..1

VoltageAdjusterDynamics
VoltageAdjusterUserDefined
+ proprietary: Boolean [0..1]

+DiscontinuousExcitationControlUserDefined 0..1

DiscontinuousExcitationControlDynamics
DiscontinuousExcitationControlUserDefined
+ proprietary: Boolean [0..1]

| *urbineType1or2Dynamics* |
| **dType1or2UserDefined** |
| oprietary: Boolean [0..1] |

| *urbineType3or4Dynamics* |
| **dType3or4UserDefined** |
| oprietary: Boolean [0..1] |

| *WindPlantDynamics* |
| **ndPlantUserDefined** |
| oprietary: Boolean [0..1] |

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