We have found additional issues in the RDFS files provided for LTDS. These issues prevent our software from correctly interpreting the LTDS CIM profiles.

Apparently the issues are related to missing descriptions of some CIM classes, which make the affected RDFS files incomplete.

Please see the list below.

I hope Ofgem can correct this for the next LTDS revision.

<http://iec.ch/TC57/CIM100#HydroTurbineKind.francis> refers to enumeration: <http://iec.ch/TC57/CIM100#HydroTurbineKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#HydroTurbineKind.kaplan> refers to enumeration: <http://iec.ch/TC57/CIM100#HydroTurbineKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#HydroTurbineKind.pelton> refers to enumeration: <http://iec.ch/TC57/CIM100#HydroTurbineKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#ControlAreaTypeKind.AGC> refers to enumeration: <http://iec.ch/TC57/CIM100#ControlAreaTypeKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#ControlAreaTypeKind.Interchange> refers to enumeration: <http://iec.ch/TC57/CIM100#ControlAreaTypeKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#ControlAreaTypeKind.Forecast> refers to enumeration: <http://iec.ch/TC57/CIM100#ControlAreaTypeKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#DCPolarityKind.middle> refers to enumeration: <http://iec.ch/TC57/CIM100#DCPolarityKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#DCPolarityKind.positive> refers to enumeration: <http://iec.ch/TC57/CIM100#DCPolarityKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#DCPolarityKind.negative> refers to enumeration: <http://iec.ch/TC57/CIM100#DCPolarityKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#GeneratorControlSource.unavailable> refers to enumeration: <http://iec.ch/TC57/CIM100#GeneratorControlSource> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#GeneratorControlSource.plantControl> refers to enumeration: <http://iec.ch/TC57/CIM100#GeneratorControlSource> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#GeneratorControlSource.offAGC> refers to enumeration: <http://iec.ch/TC57/CIM100#GeneratorControlSource> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#GeneratorControlSource.onAGC> refers to enumeration: <http://iec.ch/TC57/CIM100#GeneratorControlSource> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#DCConverterOperatingModeKind.bipolar> refers to enumeration: <http://iec.ch/TC57/CIM100#DCConverterOperatingModeKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#DCConverterOperatingModeKind.monopolarGroundReturn> refers to enumeration: <http://iec.ch/TC57/CIM100#DCConverterOperatingModeKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#DCConverterOperatingModeKind.monopolarMetallicReturn> refers to enumeration: <http://iec.ch/TC57/CIM100#DCConverterOperatingModeKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#HydroEnergyConversionKind.generator> refers to enumeration: <http://iec.ch/TC57/CIM100#HydroEnergyConversionKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#HydroEnergyConversionKind.pumpAndGenerator> refers to enumeration: <http://iec.ch/TC57/CIM100#HydroEnergyConversionKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#SVCControlMode.voltage> refers to enumeration: <http://iec.ch/TC57/CIM100#SVCControlMode> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#SVCControlMode.reactivePower> refers to enumeration: <http://iec.ch/TC57/CIM100#SVCControlMode> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#WindGenUnitKind.onshore> refers to enumeration: <http://iec.ch/TC57/CIM100#WindGenUnitKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#WindGenUnitKind.offshore> refers to enumeration: <http://iec.ch/TC57/CIM100#WindGenUnitKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/Equipment/1.0>.

<http://iec.ch/TC57/CIM100#PetersenCoilModeKind.automaticPositioning> refers to enumeration: <http://iec.ch/TC57/CIM100#PetersenCoilModeKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/ShortCircuit/1.0>.

<http://iec.ch/TC57/CIM100#PetersenCoilModeKind.fixed> refers to enumeration: <http://iec.ch/TC57/CIM100#PetersenCoilModeKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/ShortCircuit/1.0>.

<http://iec.ch/TC57/CIM100#PetersenCoilModeKind.manual> refers to enumeration: <http://iec.ch/TC57/CIM100#PetersenCoilModeKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/ShortCircuit/1.0>.

<http://iec.ch/TC57/CIM100#ShortCircuitRotorKind.turboSeries2> refers to enumeration: <http://iec.ch/TC57/CIM100#ShortCircuitRotorKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/ShortCircuit/1.0>.

<http://iec.ch/TC57/CIM100#ShortCircuitRotorKind.salientPole1> refers to enumeration: <http://iec.ch/TC57/CIM100#ShortCircuitRotorKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/ShortCircuit/1.0>.

<http://iec.ch/TC57/CIM100#ShortCircuitRotorKind.turboSeries1> refers to enumeration: <http://iec.ch/TC57/CIM100#ShortCircuitRotorKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/ShortCircuit/1.0>.

<http://iec.ch/TC57/CIM100#ShortCircuitRotorKind.salientPole2> refers to enumeration: <http://iec.ch/TC57/CIM100#ShortCircuitRotorKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/ShortCircuit/1.0>.

<http://iec.ch/TC57/CIM100#BatteryStateKind.full> refers to enumeration: <http://iec.ch/TC57/CIM100#BatteryStateKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#BatteryStateKind.charging> refers to enumeration: <http://iec.ch/TC57/CIM100#BatteryStateKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#BatteryStateKind.empty> refers to enumeration: <http://iec.ch/TC57/CIM100#BatteryStateKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#BatteryStateKind.discharging> refers to enumeration: <http://iec.ch/TC57/CIM100#BatteryStateKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#BatteryStateKind.waiting> refers to enumeration: <http://iec.ch/TC57/CIM100#BatteryStateKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#CsOperatingModeKind.rectifier> refers to enumeration: <http://iec.ch/TC57/CIM100#CsOperatingModeKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#CsOperatingModeKind.inverter> refers to enumeration: <http://iec.ch/TC57/CIM100#CsOperatingModeKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#CsPpccControlKind.dcCurrent> refers to enumeration: <http://iec.ch/TC57/CIM100#CsPpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#CsPpccControlKind.activePower> refers to enumeration: <http://iec.ch/TC57/CIM100#CsPpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#CsPpccControlKind.dcVoltage> refers to enumeration: <http://iec.ch/TC57/CIM100#CsPpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#VsPpccControlKind.pPccAndUdcDroop> refers to enumeration: <http://iec.ch/TC57/CIM100#VsPpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#VsPpccControlKind.pPcc> refers to enumeration: <http://iec.ch/TC57/CIM100#VsPpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#VsPpccControlKind.phasePcc> refers to enumeration: <http://iec.ch/TC57/CIM100#VsPpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#VsPpccControlKind.pPccAndUdcDroopPilot> refers to enumeration: <http://iec.ch/TC57/CIM100#VsPpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#VsPpccControlKind.pPccAndUdcDroopWithCompensation> refers to enumeration: <http://iec.ch/TC57/CIM100#VsPpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#VsPpccControlKind.udc> refers to enumeration: <http://iec.ch/TC57/CIM100#VsPpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#VsQpccControlKind.voltagePcc> refers to enumeration: <http://iec.ch/TC57/CIM100#VsQpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#VsQpccControlKind.powerFactorPcc> refers to enumeration: <http://iec.ch/TC57/CIM100#VsQpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#VsQpccControlKind.reactivePcc> refers to enumeration: <http://iec.ch/TC57/CIM100#VsQpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.

<http://iec.ch/TC57/CIM100#VsQpccControlKind.pulseWidthModulation> refers to enumeration: <http://iec.ch/TC57/CIM100#VsQpccControlKind> which is not defined. Error found in profile: <http://ofgem.gov.uk/ns/CIM/LTDS/SteadyStateHypothesis/1.0>.