```xml
<?xml version="1.0" encoding="utf-8"?>
<!-- edited with XMLSpy v2013v2014 rel. 2 sp2sp1 (x64) (http://www.altova.com) by - - (Agency for the
Cooperation of Energy Regulators) -->
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns:ait1="http://www.acer.europa.eu/REMIT/REMITTable1_V4V2.xsd"
targetNamespace="http://www.acer.europa.eu/REMIT/REMITTable1_V4V2.xsd"
elementFormDefault="qualified">
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minOccurs="0">
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                                                <xs:field xpath="ait1:RecordSeqNumber"/>
                                        </xs:unique>
                                </xs:element>
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                <xs:sequence>
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                                        <xs:documentation>Field No. 21</xs:documentation>
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```xml
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                                  <xs:documentation>Fields No. 44, 45, 46 and
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```xml
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        </xs:documentation>
                                </xs:annotation>
                        </xs:element>
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                                        <xs:documentation>Field No 3</xs:documentation>
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```xml
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			</xs:element>
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					<xs:documentation>Field No. 17</xs:documentation>
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			</xs:element>
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					<xs:documentation>Field No. 18</xs:documentation>
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			</xs:element>
			<xs:element name="undisclosedVolume" type="ait1:quantityType"
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				<xs:annotation>
					<xs:documentation>Field No. 19</xs:documentation>
				</xs:annotation>
			</xs:element>
			<xs:element name="orderDuration" type="ait1:orderDurationType">
				<xs:annotation>
					<xs:documentation>Filed No. 20</xs:documentation>
				</xs:annotation>
			</xs:element>
			<xs:element name="contractInfo" type="ait1:contractInfoType"/>
			<xs:element name="organisedMarketPlaceIdentifier"
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				</xs:annotation>
			</xs:element>
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					<xs:documentation>Field No. 30</xs:documentation>
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					<xs:documentation>Field No. 30</xs:documentation>
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```xml
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                        </xs:annotation>
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                        </xs:annotation>
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                            <xs:documentation>Field No 3</xs:documentation>
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        <xs:documentation>Field No. 11</xs:documentation>
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</xs:element>
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```xml
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                    </xs:annotation>
            </xs:element>
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                            <xs:documentation>Field No. 58</xs:documentation>
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```xml
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    </xs:element>
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        </xs:annotation>
    </xs:element>
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                </xs:annotation>
            </xs:element>
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```xml
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```xml
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                  <xs:sequence>
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                              <xs:annotation>
                                    <xs:documentation>Field No. 21</xs:documentation>
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```xml
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                    </xs:annotation>
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                <xs:element name="unit" type="ait1:notionalQuantityUnitType">
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```xml
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                                    <xs:documentation>Field No. 13</xs:documentation>
                            </xs:annotation>
                    </xs:element>
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minOccurs="0">
                            <xs:annotation>
                                    <xs:documentation>Field No. 13 - Previous Order
ID</xs:documentation>
                            </xs:annotation>
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            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="OrderListType">
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maxOccurs="unbounded"/>
            </xs:sequence>
        </xs:complexType>
        <xs:complexType name="organisedMarketPlaceType">
            <xs:choice>
                    <xs:element name="lei" type="ait1:lei"/>
                    <xs:element name="mic" type="ait1:mic"/>
                    <xs:element name="ace" type="ait1:ace"/>
                    <xs:element name="bil" type="ait1:bil"/>
            </xs:choice>
        </xs:complexType>
        <xs:complexType name="participantType">
            <xs:choice>
                    <xs:element name="ace" type="ait1:ace"/>
                    <xs:element name="lei" type="ait1:lei"/>
                    <xs:element name="bic" type="ait1:bic"/>
                    <xs:element name="eic" type="ait1:eic"/>
                    <xs:element name="gln" type="ait1:gln"/>
            </xs:choice>
        </xs:complexType>
        <xs:complexType name="priceDetailsType">
            <xs:sequence>
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                            <xs:annotation>
                                    <xs:documentation>Field No. 35</xs:documentation>
                            </xs:annotation>
                    </xs:element>
                    <xs:element name="priceCurrency" type="ait1:currencyCodeType">
                            <xs:annotation>
                                    <xs:documentation>Field No. 37</xs:documentation>
                            </xs:annotation>
                    </xs:element>
            </xs:sequence>
```

```xml
        </xs:complexType>
        <xs:complexType name="priceTimeIntervalQuantityDetails">
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                        <xs:element name="intervalStartDate" type="xs:date" minOccurs="0">
                                <xs:annotation>
                                        <xs:documentation>Field No. 49</xs:documentation>
                                </xs:annotation>
                        </xs:element>
                        <xs:element name="intervalEndDate" type="xs:date" minOccurs="0">
                                <xs:annotation>
                                        <xs:documentation>Field No. 50</xs:documentation>
                                </xs:annotation>
                        </xs:element>
                        <xs:element name="daysOfTheWeek" type="ait1:daysOfTheWeekType" minOccurs="0">
                                <xs:annotation>
                                        <xs:documentation>Field 53</xs:documentation>
                                </xs:annotation>
                        </xs:element>
                        <xs:sequence maxOccurs="unbounded">
                                <xs:annotation>
                                        <xs:documentation>Field No. 54</xs:documentation>
                                </xs:annotation>
                                <xs:element name="intervalStartTime" type="xs:time">
                                        <xs:annotation>
                                                <xs:documentation>Field No. 54</xs:documentation>
                                        </xs:annotation>
                                </xs:element>
                                <xs:element name="intervalEndTime" type="xs:time">
                                        <xs:annotation>
                                                <xs:documentation>Field No. 54</xs:documentation>
                                        </xs:annotation>
                                </xs:element>
                        </xs:sequence>
                        <xs:sequence minOccurs="0">
                                <xs:element name="quantity" type="ait1:number">
                                        <xs:annotation>
                                                <xs:documentation>Field No. 55</xs:documentation>
                                        </xs:annotation>
                                </xs:element>
                                <xs:element name="unit" type="ait1:quantityUnitType">
                                        <xs:annotation>
                                                <xs:documentation>Field No. 56</xs:documentation>
                                        </xs:annotation>
                                </xs:element>
                        </xs:sequence>
                        <xs:element name="priceTimeIntervalQuantity" type="ait1:priceType" minOccurs="0">
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                                        <xs:documentation>Field 57</xs:documentation>
                                </xs:annotation>
                        </xs:element>
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        </xs:complexType>
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```xml
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                    <xs:element name="currency" type="ait1:currencyCodeType"/>
                </xs:sequence>
        </xs:complexType>
        <xs:complexType name="quantityType">
                <xs:sequence>
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                        <xs:element name="unit" type="ait1:quantityUnitType">
                                <xs:annotation>
                                        <xs:documentation>Field No 42 for 40</xs:documentation>
                                </xs:annotation>
                        </xs:element>
                </xs:sequence>
        </xs:complexType>
        <xs:complexType name="reportingEntityID">
                <xs:choice>
                        <xs:element name="ace" type="ait1:ace"/>
                        <xs:element name="lei" type="ait1:lei"/>
                        <xs:element name="bic" type="ait1:bic"/>
                        <xs:element name="eic" type="ait1:eic"/>
                        <xs:element name="gln" type="ait1:gln"/>
                </xs:choice>
        </xs:complexType>
        <xs:complexType name="tradeIdType">
                <xs:sequence>
                        <xs:element name="uniqueTransactionIdentifier"
 type="ait1:uniqueTransactionIdentifierType">
                                <xs:annotation>
                                        <xs:documentation>Field No. 31</xs:documentation>
                                </xs:annotation>
                        </xs:element>
                        <xs:element name="previousUniqueTransactionIdentifieradditionalUtiInfo"
 type="ait1:uniqueTransactionIdentifierType" minOccurs="0">
                                <xs:annotation>
                                        <xs:documentation>Field No. 31</xs:documentation>
                                </xs:annotation>
                        </xs:element>
                </xs:sequence>
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                </xs:sequence>
        </xs:complexType>
        <xs:complexType name="traderIDType">
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                                <xs:annotation>
                                        <xs:documentation>Field No. 3a</xs:documentation>
                                </xs:annotation>
                        </xs:element>
                        <xs:element name="traderIdForMarketParticipant" type="ait1:traderCode">
                                <xs:annotation>
                                        <xs:documentation>Field No. 3b</xs:documentation>
                                </xs:annotation>
```

```xml
					</xs:element>
				</xs:choice>
			</xs:complexType>
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				<xs:sequence>
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							<xs:documentation>Field No. 18</xs:documentation>
						</xs:annotation>
					</xs:element>
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						<xs:annotation>
							<xs:documentation>Contract ID of different contract (triggering contract)</xs:documentation>
						</xs:annotation>
					</xs:element>
				</xs:sequence>
			</xs:complexType>
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					<xs:minLength value="12"/>
					<xs:pattern value="[A-Za-z0-9_]+\.[A-Z][A-Z]"/>
				</xs:restriction>
			</xs:simpleType>
			<xs:simpleType name="actionTypesType">
				<xs:restriction base="xs:string">
					<xs:enumeration value="N"/>
					<xs:enumeration value="M"/>
					<xs:enumeration value="E"/>
					<xs:enumeration value="C"/>
				</xs:restriction>
			</xs:simpleType>
			<xs:simpleType name="aggressorType">
				<xs:restriction base="xs:string">
					<xs:enumeration value="A"/>
					<xs:enumeration value="I"/>
					<xs:enumeration value="S"/>
				</xs:restriction>
			</xs:simpleType>
			<xs:simpleType name="bic">
				<xs:restriction base="xs:string">
					<xs:maxLength value="11"/>
					<xs:minLength value="11"/>
					<xs:pattern value="[A-Za-z0-9_]+"/>
				</xs:restriction>
			</xs:simpleType>
			<xs:simpleType name="bil">
				<xs:restriction base="xs:string">
					<xs:enumeration value="XBIL"/>
				</xs:restriction>
			</xs:simpleType>
			<xs:simpleType name="booleanType">
				<xs:restriction base="xs:string">
					<xs:pattern value="(true)|(Y)|(false)|(N)"/>
```

```xml
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                        <xs:enumeration value="B"/>
                        <xs:enumeration value="S"/>
                        <xs:enumeration value="C"/>
                </xs:restriction>
        </xs:simpleType>
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                        <xs:maxLength value="50"/>
                        <xs:pattern value="[A-Za-z0-9_-:]+"/> _:-]+"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="contractLoadType">
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                        <xs:enumeration value="PL"/>
                        <xs:enumeration value="OP"/>
                        <xs:enumeration value="BH"/>
                        <xs:enumeration value="SH"/>
                        <xs:enumeration value="GD"/>
                        <xs:enumeration value="OT"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="contractNameType">
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                        <xs:pattern value="[A-Za-z0-9_]+"/>
                </xs:restriction>
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        <xs:simpleType name="contractTypeType">
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                        <xs:enumeration value="CO"/>
                        <xs:enumeration value="FW"/>
                        <xs:enumeration value="FU"/>
                        <xs:enumeration value="OP"/>
                        <xs:enumeration value="OP_FW"/>
                        <xs:enumeration value="OP_FU"/>
                        <xs:enumeration value="OP_SW"/>
                        <xs:enumeration value="SP"/>
                        <xs:enumeration value="SW"/>
                        <xs:enumeration value="OT"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="currencyCodeType">
                <xs:restriction base="xs:string">
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                        <xs:enumeration value="CZK"/>
                        <xs:enumeration value="DKK"/>
                        <xs:enumeration value="EUR"/>
                        <xs:enumeration value="EUX"/>
                        <xs:enumeration value="GBX"/>
```

```xml
                    <xs:enumeration value="GBP"/>
                    <xs:enumeration value="HRK"/>
                    <xs:enumeration value="HUF"/>
                    <xs:enumeration value="ISK"/>
                    <xs:enumeration value="NOK"/>
                    <xs:enumeration value="PCT"/>
                    <xs:enumeration value="PLN"/>
                    <xs:enumeration value="RON"/>
                    <xs:enumeration value="SEK"/>
                    <xs:enumeration value="USD"/>
                    <xs:enumeration value="OTH"/>
            </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="daysOfTheWeekType">
            <xs:restriction base="xs:string">
                <xs:pattern
value="((SU|MO|TU|WE|TH|FR|SA)to(SU|MO|TU|WE|TH|FR|SA))|(SU|MO|TU|WE|TH|FR|SA|XB|IB|WD|
WN)"/>
            </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="durationType">
            <xs:restriction base="xs:string">
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                    <xs:enumeration value="H"/>
                    <xs:enumeration value="D"/>
                    <xs:enumeration value="W"/>
                    <xs:enumeration value="M"/>
                    <xs:enumeration value="Q"/>
                    <xs:enumeration value="S"/>
                    <xs:enumeration value="Y"/>
                    <xs:enumeration value="O"/>
            </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="eic">
            <xs:restriction base="xs:string">
                    <xs:maxLength value="16"/>
                    <xs:minLength value="16"/>
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            </xs:restriction>
        </xs:simpleType>
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                    <xs:enumeration value="NG"/>
            </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="extraType">
            <xs:restriction base="xs:string">
                    <xs:maxLength value="1000"/>
                    <xs:pattern value="((\w+==((\d+\.\d+)|(\d+)|(\w+));)+(\w+==((\d+\.\d+)|(\d+)|(\w+))))"/>
            </xs:restriction>
        </xs:simpleType>
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```

```xml
                    <xs:pattern value="[A-Za-z0-9_ ]+"/>-]+"/>
            </xs:restriction>
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                    <xs:minLength value="13"/>
                    <xs:pattern value="[A-Za-z0-9 ]+"/> -]+"/>
            </xs:restriction>
    </xs:simpleType>
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            </xs:restriction>
    </xs:simpleType>
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            <xs:restriction base="xs:string">
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                    <xs:pattern value="[A-Za-z0-9_]+"/>
            </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="notionalQuantityUnitType">
            <xs:restriction base="xs:string">
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                    <xs:enumeration value="MWh"/>
                    <xs:enumeration value="GWh"/>
                    <xs:enumeration value="Therm"/>
                    <xs:enumeration value="KTherm"/>
                    <xs:enumeration value="MTherm"/>
                    <xs:enumeration value="cm"/>
                    <xs:enumeration value="mcm"/>
                    <xs:enumeration value="Btu"/>
                    <xs:enumeration value="MMBtu"/>
                    <xs:enumeration value="MJ"/>
                    <xs:enumeration value="100MJ"/>
                    <xs:enumeration value="MMJ"/>
                    <xs:enumeration value="GJ"/>
            </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="number">
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                    <xs:fractionDigits value="5"/>
            </xs:restriction>
    </xs:simpleType>
    <xs:simpleType name="optionStyleType">
            <xs:restriction base="xs:string">
                    <xs:enumeration value="A"/>
                    <xs:enumeration value="B"/>
                    <xs:enumeration value="E"/>
                    <xs:enumeration value="S"/>
                    <xs:enumeration value="O"/>
            </xs:restriction>
```

```xml
        </xs:simpleType>
        <xs:simpleType name="optionTypeType">
                <xs:restriction base="xs:string">
                        <xs:enumeration value="C"/>
                        <xs:enumeration value="P"/>
                        <xs:enumeration value="O"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="orderConditionsType">
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                        <xs:enumeration value="FAF"/>
                        <xs:enumeration value="FAK"/>
                        <xs:enumeration value="FOK"/>
                        <xs:enumeration value="HVO"/>
                        <xs:enumeration value="MEV"/>
                        <xs:enumeration value="OCO"/>
                        <xs:enumeration value="PRE"/>
                        <xs:enumeration value="PRI"/>
                        <xs:enumeration value="PTR"/>
                        <xs:enumeration value="SLO"/>
                        <xs:enumeration value="OTH"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="orderDurationsType">
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                        <xs:enumeration value="GTC"/>
                        <xs:enumeration value="GTD"/>
                        <xs:enumeration value="GTT"/>
                        <xs:enumeration value="SES"/>
                        <xs:enumeration value="OTH"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="orderIdentifierType">
                <xs:restriction base="xs:string">
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                        <xs:pattern value="[A-Za-z0-9_ ]+"/>-]+"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="orderStatusType">
                <xs:restriction base="xs:string">
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                        <xs:enumeration value="COV"/>
                        <xs:enumeration value="EXP"/>
                        <xs:enumeration value="MAC"/>
                        <xs:enumeration value="PMA"/>
                        <xs:enumeration value="REF"/>
                        <xs:enumeration value="SUS"/>
                        <xs:enumeration value="WIT"/>
                        <xs:enumeration value="OTH"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="orderTypesType">
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                        <xs:enumeration value="BLO"/>
```

```xml
                        <xs:enumeration value="CON"/>
                        <xs:enumeration value="COM"/>
                        <xs:enumeration value="EXC"/>
                        <xs:enumeration value="FHR"/>
                        <xs:enumeration value="IOI"/>
                        <xs:enumeration value="LIM"/>
                        <xs:enumeration value="LIN"/>
                        <xs:enumeration value="LIS"/>
                        <xs:enumeration value="MAR"/>
                        <xs:enumeration value="MTL"/>
                        <xs:enumeration value="SMA"/>
                        <xs:enumeration value="SPR"/>
                        <xs:enumeration value="STP"/>
                        <xs:enumeration value="VBL"/>
                        <xs:enumeration value="OTH"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="quantityUnitType">
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                        <xs:enumeration value="KWh/h"/>
                        <xs:enumeration value="KWh/d"/>
                        <xs:enumeration value="MW"/>
                        <xs:enumeration value="MWh/h"/>
                        <xs:enumeration value="MWh/d"/>
                        <xs:enumeration value="GW"/>
                        <xs:enumeration value="GWh/h"/>
                        <xs:enumeration value="GWh/d"/>
                        <xs:enumeration value="Therm/d"/>
                        <xs:enumeration value="KTherm/d"/>
                        <xs:enumeration value="MTherm/d"/>
                        <xs:enumeration value="cm/d"/>
                        <xs:enumeration value="mcm/d"/>
                        <xs:enumeration value="Btu/d"/>
                        <xs:enumeration value="MMBtu/d"/>
                        <xs:enumeration value="MJ/d"/>
                        <xs:enumeration value="100MJ/d"/>
                        <xs:enumeration value="MMJ/d"/>
                        <xs:enumeration value="GJ/d"/>
                </xs:restriction>
        </xs:simpleType>
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                        <xs:minInclusive value="1"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="restrictedString">
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        </xs:simpleType>
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                        <xs:enumeration value="C"/>
```

```xml
                    <xs:enumeration value="O"/>
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                        <xs:pattern value="[A-Za-z0-9_]+"/>
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        </xs:simpleType>
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                        <xs:enumeration value="A"/>
                </xs:restriction>
        </xs:simpleType>
        <xs:simpleType name="uniqueTransactionIdentifierType">
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                        <xs:pattern value="[A-Za-z0-9_]+"/>
                </xs:restriction>
        </xs:simpleType>
    </xs:schema>
```