

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:sto="http://www.acer.europa.eu/REMIT/REMITStorageSchema_V1.xsd"
targetNamespace="http://www.acer.europa.eu/REMIT/REMITStorageSchema_V1.xsd" elementFormDefault="qualified">
  <!-- Parent -->
  <xs:element name="REMITStorageReport">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="reportingEntityIdentifier" type="sto:participantType" minOccurs="1" maxOccurs="1"/>
        <!-- ACER code for company submitting report -->
        <xs:element name="submissionDateTime" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
        <xs:element name="storageFacilityReport" type="sto:storageFacilityReport" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="storageParticipantActivityReport" type="sto:storageParticipantActivityReport" minOccurs="0" maxOccurs="unbounded"/>
        <xs:element name="storageUnavailabilityReport" type="sto:storageUnavailabilityReport" minOccurs="0" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <!-- storageFacilityReport related items -->
  <xs:complexType name="storageFacilityReport">
    <xs:sequence>
      <xs:element name="gasDayStart" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
      <xs:element name="gasDayEnd" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
      <xs:element name="storageFacilityIdentifier" type="sto:participantType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="storageFacilityOperatorIdentifier" type="sto:participantType" minOccurs="0" maxOccurs="1"/>
      <xs:element name="reportingEntityReferenceID" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <!--
        GIE RRM record level identifier to be included in ACER Return Receipt
      -->
      <xs:element name="storageType" type="sto:gasStorageType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="storage" type="sto:quantityType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="injection" type="sto:quantityType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="withdrawal" type="sto:quantityType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="technicalCapacity" type="sto:quantityType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="contractedCapacity" type="sto:quantityType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="availableCapacity" type="sto:quantityType" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <!-- storageParticipantActivityReport related items -->
  <xs:complexType name="storageParticipantActivityReport">
    <xs:sequence>
      <xs:element name="gasDayStart" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
      <xs:element name="gasDayEnd" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
      <xs:element name="storageFacilityIdentifier" type="sto:participantType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="storageFacilityOperatorIdentifier" type="sto:participantType" minOccurs="0" maxOccurs="1"/>
      <!-- Can be facility operator OR market participant -->
      <xs:element name="marketParticipantIdentifier" type="sto:participantType" minOccurs="0" maxOccurs="1"/>
      <!-- Can be facility operator OR market participant -->
      <xs:element name="reportingEntityReferenceID" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <!--
        GIE RRM record level identifier to be included in ACER Return Receipt
      -->
      <xs:element name="storage" type="sto:quantityType" minOccurs="1" maxOccurs="1"/>
    </xs:sequence>
  </xs:complexType>
  <!-- storageUnavailabilityReport related items -->
  <xs:complexType name="storageUnavailabilityReport">
    <xs:sequence>
      <xs:element name="unavailabilityNotificationTimestamp" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
      <xs:element name="storageFacilityIdentifier" type="sto:participantType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="storageFacilityOperatorIdentifier" type="sto:participantType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="reportingEntityReferenceID" type="xs:string" minOccurs="0" maxOccurs="1"/>
      <!--
        GIE RRM record level identifier to be included in ACER Return Receipt
      -->
```

```
<xs:element name="unavailabilityStart" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
<xs:element name="unavailabilityEnd" type="xs:dateTime" minOccurs="1" maxOccurs="1"/>
<xs:element name="unavailabilityEndFlag" type="sto:endFlag" minOccurs="1" maxOccurs="1"/>
<xs:element name="unavailableVolume" type="sto:quantityType" minOccurs="1" maxOccurs="1"/>
<xs:element name="unavailableInjection" type="sto:quantityType" minOccurs="0" maxOccurs="1"/>
<!-- Mandatory if relevant -->
<xs:element name="unavailableWithdrawal" type="sto:quantityType" minOccurs="0" maxOccurs="1"/>
<!-- Mandatory if relevant -->
<xs:element name="unavailabilityType" type="sto:unavailabilityType" minOccurs="1" maxOccurs="1"/>
<xs:element name="unavailabilityDescription" type="xs:string" minOccurs="1" maxOccurs="1"/>
</xs:sequence>
</xs:complexType>
<xs:simpleType name="endFlag">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Estimate"/>
    <xs:enumeration value="Confirmed"/>
  </xs:restriction>
</xs:simpleType>
<xs:complexType name="quantityType">
  <xs:sequence>
    <xs:element name="value" type="sto:number" minOccurs="1" maxOccurs="1"/>
    <xs:element name="unit" type="sto:quantityUnitType" minOccurs="1" maxOccurs="1"/>
  </xs:sequence>
</xs:complexType>
<xs:simpleType name="unavailabilityType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Planned"/>
    <xs:enumeration value="Unplanned"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="quantityUnitType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="cm"/>
    <xs:enumeration value="cm/d"/>
    <xs:enumeration value="mcm"/>
    <xs:enumeration value="mcm/d"/>
    <xs:enumeration value="kWh"/>
    <xs:enumeration value="kWh/h"/>
    <xs:enumeration value="kWh/d"/>
    <xs:enumeration value="GW"/>
    <xs:enumeration value="GWh"/>
    <xs:enumeration value="GWh/h"/>
    <xs:enumeration value="GWh/d"/>
    <xs:enumeration value="MW"/>
    <xs:enumeration value="MWh"/>
    <xs:enumeration value="MWh/h"/>
    <xs:enumeration value="MWh/d"/>
    <xs:enumeration value="TWh"/>
    <xs:enumeration value="Therm/d"/>
    <xs:enumeration value="kTherm/d"/>
    <xs:enumeration value="MTherm/d"/>
    <xs:enumeration value="Therm"/>
    <xs:enumeration value="kTherm"/>
    <xs:enumeration value="MTherm"/>
    <xs:enumeration value="%" />
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="eicCode">
  <xs:restriction base="xs:string">
    <xs:maxLength value="16"/>
    <xs:minLength value="16"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="number">
  <xs:restriction base="xs:decimal">
```

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<xs:totalDigits value="20"/>
<xs:fractionDigits value="9"/>
</xs:restriction>
</xs:simpleType>
<xs:simpleType name="gasStorageType">
  <xs:restriction base="xs:string">
    <xs:enumeration value="DSR">
      <xs:annotation>
        <xs:documentation>Underground Storage In A Depleted Gas Reservoir</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="ASR">
      <xs:annotation>
        <xs:documentation>Underground Storage In An Aquifer Gas Reservoir</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="ASF">
      <xs:annotation>
        <xs:documentation>Underground Storage In Salt Formation</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="SGL">
      <xs:annotation>
        <xs:documentation>Storage As LNG</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="PPC">
      <xs:annotation>
        <xs:documentation>Storage In Existing Pipeline Capacity</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="GHT">
      <xs:annotation>
        <xs:documentation>Above Ground Storage In Gas Holder</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
    <xs:enumeration value="SRC">
      <xs:annotation>
        <xs:documentation>Underground Storage In A Rock Cavern</xs:documentation>
      </xs:annotation>
    </xs:enumeration>
  </xs:restriction>
</xs:simpleType>
<xs:complexType name="participantType">
  <xs:choice minOccurs="1" maxOccurs="1">
    <xs:element name="acerCode" type="sto:acerCode" minOccurs="0" maxOccurs="1"/>
    <xs:element name="eicCode" type="sto:eicCode" minOccurs="0" maxOccurs="1"/>
    <xs:element name="leiCode" type="sto:leiCode" minOccurs="0" maxOccurs="1"/>
  </xs:choice>
</xs:complexType>
<xs:simpleType name="acerCode">
  <xs:restriction base="xs:string">
    <xs:maxLength value="12"/>
    <xs:minLength value="12"/>
    <xs:pattern value="[A-Za-z0-9_]+\.[A-Z][A-Z]"/>
  </xs:restriction>
</xs:simpleType>
<xs:simpleType name="leiCode">
  <xs:restriction base="xs:string">
    <xs:maxLength value="20"/>
    <xs:minLength value="20"/>
    <xs:pattern value="[A-Za-z0-9_]+"/>
  </xs:restriction>
</xs:simpleType>
</xs:schema>
```