

IDENTIFICATIVO: PIP Implementation Guide ver. 2.3

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TIPO DOCUMENTO: Implementation Guide

APPLICAZIONE: G.M.E. S.p.A.

Piattaforma Informazioni Privilegiate Implementation Guide

Registro delle Revisioni

Rev.	Data	Proposta n.	Descrizione
00	15/12/2015	n.a.	Prima emissione
01	10/09/2021	n.a.	Adeguamento degli schemi XSD Electricity e Gas UMM alla versione 2 di ACER
02	11/01/2023	n.a.	Dismissione dello schema XSD V1 per Electricity e Gas UMM
03	01/10/2024	n.a.	Download UMM pubblicati dagli operatori

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1 SCOPO DEL DOCUMENTO

L'applicazione PIP mette a disposizione per il download e l'upload diverse informazioni mediante files in formato xml; questo documento descrive le transazioni, in termini di formati, utilizzate all'interno di tali files.

2 FLUSSI DI INSERIMENTO

Di seguito l'ordine di inserimento delle informazioni:

1. Asset Electricity
2. Electricity UMM

1. Asset Gas
2. Gas UMM

1. Market Information

3 FORMATO DEGLI SCHEMI

All'interno di questa Implementation Guide vengono presentati gli XSD distinti per ogni sezione del sito, oltre ai tipi consentiti per ogni singolo Xsd. In più sono presenti i prototipi degli Xml da sottomettere al Gatherer con la spiegazione di ogni voce e le modalità per compilare la medesima.

3.1 ELECTRICITYASSETMANAGEMENTFORMAT.XSD

```
<?xml version="1.0" encoding="iso-8859-1"?>
<xs:schema xmlns:tns="urn:XML-PIPE" elementFormDefault="qualified" targetNamespace="urn:XML-PIPE" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:include schemaLocation = "SimpleTypesv1_0.xsd"/>
  <xs:element name="PowerAssetManagement" type="tns:PowerAssetManagementFormat" />
  <xs:complexType name="PowerAssetManagementFormat">
    <xs:sequence>
      <xs:element minOccurs="1" maxOccurs="1" name="actionType" type="tns:PipActions" />
      <xs:element minOccurs="0" maxOccurs="unbounded" name="capacity" nillable="true" type="tns:CapacityTag" />
      <xs:element minOccurs="0" maxOccurs="1" name="assetType" type="tns:lengthSixtyFourType_Base0" />
      <xs:element minOccurs="0" maxOccurs="1" nillable="true" name="fuelType" type="tns:FuelType" />
      <xs:element minOccurs="0" maxOccurs="1" name="biddingZone" type="tns:lengthSixtyFourType_Base0" />
      <xs:element minOccurs="0" maxOccurs="unbounded" name="ATC" nillable="true" type="tns:AtcTag" />
      <xs:element minOccurs="0" maxOccurs="unbounded" name="affectedAsset" nillable="true" type="tns:AffectedAssetTag" />
      <xs:element minOccurs="0" maxOccurs="unbounded" name="marketParticipant" nillable="true" type="tns:MarketParticipantTag" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="CapacityTag">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="unitMeasure" type="tns:unitMesPower" />
      <xs:element minOccurs="0" maxOccurs="1" name="installedCapacity" type="tns:lengthSixtyFourType_Base0" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="AffectedAssetTag">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="name" type="tns:lengthFiftyFourType_Base0" />
      <xs:element minOccurs="0" maxOccurs="1" nillable="true" name="eic" type="tns:EicCode" />
      <xs:element minOccurs="0" maxOccurs="1" nillable="true" name="description" type="tns:length128Type" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="AtcTag">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="biddingZoneFrom" type="tns:lengthSixtyFourType_Base0" />
    </xs:sequence>
  </xs:complexType>
</xs:schema>
```

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```

        <xs:element minOccurs="0" maxOccurs="1" name="biddingZoneTo" type="tns:lengthSixtyFourType_Base0" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="MarketParticipantTag">
    <xs:sequence>
        <xs:element minOccurs="1" maxOccurs="1" name="ace" type="tns:lengthSixtyFourType_Base0" />
    </xs:sequence>
</xs:complexType>
</xs:schema>

```

3.2 ELECTRICITYUMMMANAGEMENTFORMAT.XSD

```

<?xml version="1.0" encoding="iso-8859-1"?>
<xs:schema xmlns:tns="urn:XML-PIPE" elementFormDefault="qualified" targetNamespace="urn:XML-PIPE" xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:include schemaLocation = "SimpleTypesv1_0.xsd"/>
    <xs:element name="PowerUmmManagement" type="tns:PowerUmmManagementFormat" />
    <xs:complexType name="PowerUmmManagementFormat">
        <xs:sequence>
            <xs:element minOccurs="1" maxOccurs="1" name="actionType" type="tns:PipUmmActions" />
            <xs:element minOccurs="0" maxOccurs="1" nillable="true" name="updateId" type="tns:numberType" />
            <xs:element minOccurs="0" maxOccurs="unbounded" name="eventInfo" nillable="true" type="tns:EventTag" />
            <xs:element minOccurs="0" maxOccurs="unbounded" name="capacity" nillable="true" type="tns:CapacityTag" />
            <xs:element minOccurs="0" maxOccurs="1" name="unavailabilityType" type="tns:lengthSixtyFourType_Base0" />
            <xs:element minOccurs="1" maxOccurs="1" name="unavailabilityReason" type="tns:lengthSixtyFourType" />
            <xs:element minOccurs="0" maxOccurs="1" name="remarks" type="tns:lengthFiveHundredType_Base0" />
            <xs:element minOccurs="0" maxOccurs="unbounded" name="affectedAsset" nillable="true" type="tns:AffectedAssetTag" />
            <xs:element minOccurs="0" maxOccurs="unbounded" name="marketParticipant" nillable="true" type="tns:MarketParticipantTag" />
            <xs:element minOccurs="0" maxOccurs="unbounded" name="marketParticipantNumber" nillable="true" type="tns:lengthThirtyType" />
            <xs:element minOccurs="1" maxOccurs="unbounded" name="capacityIntervals" nillable="false" type="tns:CapacityIntervallList" />
        </xs:sequence>
    </xs:complexType>
<xs:complexType name="EventTag">
    <xs:sequence>

```

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```

        <xs:element minOccurs="0" maxOccurs="1" name="eventType" type="tns:EventTypeFormat" />
        <xs:element minOccurs="0" maxOccurs="1" name="eventStart" type="xs:dateTime" />
        <xs:element minOccurs="0" maxOccurs="1" name="eventStop" type="xs:dateTime" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="CapacityTag">
    <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="unitMeasure" type="tns:unitMesPower" />
        <xs:element minOccurs="0" maxOccurs="1" name="installedCapacity" type="tns:floatType" />
        <xs:element minOccurs="0" maxOccurs="1" name="availableCapacity" type="tns:floatType" />
        <xs:element minOccurs="0" maxOccurs="1" name="unavailableCapacity" type="tns:floatType" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="AffectedAssetTag">
    <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="name" type="tns:lengthSixtyFourType_Base0" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="MarketParticipantTag">
    <xs:sequence>
        <xs:element minOccurs="1" maxOccurs="1" name="ace" type="tns:AcerCode" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="CapacityIntervallist">
    <xs:sequence>
        <xs:element name="CapacityInterval" minOccurs="1" maxOccurs="unbounded" type="tns:CapacityIntervalFormat"></xs:element>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="CapacityIntervalFormat">
    <xs:sequence>
        <xs:element minOccurs="1" maxOccurs="1" name="intervalStart" type="xs:dateTime" />
        <xs:element minOccurs="1" maxOccurs="1" name="intervalStop" type="xs:dateTime" />
        <xs:element minOccurs="1" maxOccurs="1" name="unavailableCapacity" type="tns:floatType" />
        <xs:element minOccurs="1" maxOccurs="1" name="availableCapacity" type="tns:floatType" />
    </xs:sequence>

```

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```

</xs:complexType>
<xs:simpleType name="EventTypeFormat">
  <xs:restriction base="xs:string">
    <xs:enumeration value="Production unavailability"/>
    <xs:enumeration value="Transmission unavailability"/>
    <xs:enumeration value="Consumption unavailability"/>
    <xs:enumeration value="Other unavailability"/>
  </xs:restriction>
</xs:simpleType>
</xs:schema>

```

3.3 GASASSETMANAGEMENT.XSD

```

<?xml version="1.0" encoding="iso-8859-1"?>
<xs:schema xmlns:tns="urn:XML-PIPE" elementFormDefault="qualified" targetNamespace="urn:XML-PIPE" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:include schemaLocation="SimpleTypesv1_0.xsd"/>
  <xs:element name="GasAssetManagement" type="tns:GasAssetManagementFormat" />
  <xs:complexType name="GasAssetManagementFormat">
    <xs:sequence>
      <xs:element minOccurs="1" maxOccurs="1" name="actionType" type="tns:PipActions" />
      <xs:element minOccurs="0" maxOccurs="unbounded" name="capacity" nillable="true" type="tns:CapacityTag" />
      <xs:element minOccurs="0" maxOccurs="1" name="assetType" type="tns:assetTypeGas" />
      <xs:element minOccurs="0" maxOccurs="1" name="balancingZone" type="tns:lengthSixtyFourType_Base0" />
      <xs:element minOccurs="0" maxOccurs="unbounded" name="ATC" nillable="true" type="tns:AtcTag" />
      <xs:element minOccurs="0" maxOccurs="unbounded" name="affectedAsset" nillable="true" type="tns:AffectedAssetTag" />
      <xs:element minOccurs="0" maxOccurs="unbounded" name="marketParticipant" nillable="true" type="tns:MarketParticipantTag" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="CapacityTag">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="unitMeasure" type="tns:unitMesGas" />
      <xs:element minOccurs="0" maxOccurs="1" name="technicalCapacity" type="tns:lengthSixtyFourType_Base0" />
    </xs:sequence>
  </xs:complexType>
</xs:schema>

```

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```

</xs:complexType>
<xs:complexType name="AffectedAssetTag">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="name" type="tns:length Fifty FourType_Base0" />
    <xs:element minOccurs="0" maxOccurs="1" nillable="true" name="eic" type="tns:EicCode" />
    <xs:element minOccurs="0" maxOccurs="1" nillable="true" name="description" type="tns:length128Type" />
  </xs:sequence>
</xs:complexType>
<xs:complexType name="AtcTag">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="balancingZoneFrom" type="tns:lengthSixtyFourType_Base0" />
    <xs:element minOccurs="0" maxOccurs="1" name="balancingZoneTo" type="tns:lengthSixtyFourType_Base0" />
  </xs:sequence>
</xs:complexType>
<xs:complexType name="MarketParticipantTag">
  <xs:sequence>
    <xs:element minOccurs="1" maxOccurs="1" name="ace" type="tns:lengthSixtyFourType_Base0" />
  </xs:sequence>
</xs:complexType>
</xs:schema>

```

3.4 GASUMMMANAGEMENTFORMAT.XSD

```

<?xml version="1.0" encoding="iso-8859-1"?>
<xs:schema xmlns:tns="urn:XML-PIPE" elementFormDefault="qualified" targetNamespace="urn:XML-PIPE" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:include schemaLocation="SimpleTypesv1_0.xsd"/>
  <xs:element name="GasUmmManagement" type="tns:GasUmmManagementFormat" />
  <xs:complexType name="GasUmmManagementFormat">
    <xs:sequence>
      <xs:element minOccurs="1" maxOccurs="1" name="actionType" type="tns:PipUmmActions" />
      <xs:element minOccurs="0" maxOccurs="1" nillable="true" name="updateId" type="tns:numberType" />
      <xs:element minOccurs="0" maxOccurs="unbounded" name="eventInfo" nillable="true" type="tns:EventTag" />
      <xs:element minOccurs="0" maxOccurs="unbounded" name="capacity" nillable="true" type="tns:CapacityTag" />
    </xs:sequence>
  </xs:complexType>
</xs:schema>

```

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```

<xs:element minOccurs="0" maxOccurs="1" name="unavailabilityType" type="tns:lengthSixtyFourType_Base0" />
<xs:element minOccurs="0" maxOccurs="1" name="unavailabilityReason" type="tns:lengthSixtyFourType" />
<xs:element minOccurs="0" maxOccurs="1" name="remarks" type="tns:lengthFiveHundredType_Base0" />
<xs:element minOccurs="0" maxOccurs="unbounded" name="affectedAsset" nillable="true" type="tns:AffectedAssetTag" />
<xs:element minOccurs="0" maxOccurs="unbounded" name="marketParticipant" nillable="true" type="tns:MarketParticipantTag" />
<xs:element minOccurs="0" maxOccurs="unbounded" name="marketParticipantNumber" nillable="true" type="tns:lengthThirtyType" />
<xs:element minOccurs="0" maxOccurs="1" name="direction" nillable="true" type="tns:Directions" />
</xs:sequence>
</xs:complexType>
<xs:complexType name="EventTag">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="eventType" type="tns:EventTypeFormat" />
    <xs:element minOccurs="0" maxOccurs="1" name="eventStart" type="xs:dateTime" />
    <xs:element minOccurs="0" maxOccurs="1" name="eventStop" type="xs:dateTime" />
  </xs:sequence>
</xs:complexType>
<xs:complexType name="CapacityTag">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="unitMeasure" type="tns:unitMesGas" />
    <xs:element minOccurs="0" maxOccurs="1" name="technicalCapacity" type="tns:floatType" />
    <xs:element minOccurs="0" maxOccurs="1" name="availableCapacity" type="tns:floatType" />
    <xs:element minOccurs="0" maxOccurs="1" name="unavailableCapacity" type="tns:floatType" />
  </xs:sequence>
</xs:complexType>
<xs:complexType name="AffectedAssetTag">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="name" type="tns:lengthFiftyFourType_Base0" />
  </xs:sequence>
</xs:complexType>
<xs:complexType name="MarketParticipantTag">
  <xs:sequence>
    <xs:element minOccurs="1" maxOccurs="1" name="ace" type="tns:AcerCode" />
  </xs:sequence>
</xs:complexType>
<xs:simpleType name="Directions">

```

```

    <xs:restriction base="xs:string">
      <xs:enumeration value="Entry"/>
      <xs:enumeration value="Exit"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="EventTypeFormat">
    <xs:restriction base="xs:string">
      <xs:enumeration value="Offshore pipeline unavailability"/>
      <xs:enumeration value="Transmission system unavailability"/>
      <xs:enumeration value="Storage unavailability"/>
      <xs:enumeration value="Storage facility unavailability"/>
      <xs:enumeration value="Injection unavailability"/>
      <xs:enumeration value="Withdrawal unavailability"/>
      <xs:enumeration value="Gas treatment plant unavailability"/>
      <xs:enumeration value="Regasification plant unavailability"/>
      <xs:enumeration value="Compressor station unavailability"/>
      <xs:enumeration value="Gas production field unavailability"/>
      <xs:enumeration value="Import contract curtailment"/>
      <xs:enumeration value="Consumption unavailability"/>
      <xs:enumeration value="Other unavailability"/>
    </xs:restriction>
  </xs:simpleType>
</xs:schema>

```

3.5 MARKETINFORMATIONMANAGEMENT.XSD

```

<?xml version="1.0" encoding="iso-8859-1"?>
<xs:schema xmlns:tns="urn:XML-PIPE" elementFormDefault="qualified" targetNamespace="urn:XML-PIPE" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:include schemaLocation="SimpleTypesv1_0.xsd"/>
  <xs:element name="MarketInformationManagement" type="tns:MarketInformationManagementFormat" />
  <xs:complexType name="MarketInformationManagementFormat">
    <xs:sequence>
      <xs:element minOccurs="1" maxOccurs="1" name="actionType" type="tns:PipUmmActions" />
    </xs:sequence>
  </xs:complexType>
</xs:schema>

```

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```

        <xs:element minOccurs="0" maxOccurs="1" nillable="true" name="updateId" type="tns:numberType" />
        <xs:element minOccurs="0" maxOccurs="unbounded" name="eventInfo" nillable="true" type="tns:EventTag" />
        <xs:element minOccurs="0" maxOccurs="1" name="remarks" type="tns:lengthOneThousandType_Base0" />
        <xs:element minOccurs="0" maxOccurs="unbounded" name="marketParticipant" nillable="true" type="tns:MarketParticipantTag" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="EventTag">
    <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="eventType" type="tns:length32Type_Base0" />
        <xs:element minOccurs="0" maxOccurs="1" name="eventStart" type="xs:dateTime" />
        <xs:element minOccurs="0" maxOccurs="1" nillable="true" name="eventStop" type="xs:dateTime" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="MarketParticipantTag">
    <xs:sequence>
        <xs:element minOccurs="1" maxOccurs="1" name="ace" type="tns:lengthSixtyFourType_Base0" />
    </xs:sequence>
</xs:complexType>
</xs:schema>

```

3.6 UMMDOWNLOADMANAGEMENTFORMAT.XSD

```

<?xml version="1.0" encoding="iso-8859-1"?>
<xs:schema xmlns:tns="urn:XML-PIPE" elementFormDefault="qualified" targetNamespace="urn:XML-PIPE" xmlns:xs="http://www.w3.org/2001/XMLSchema">
    <xs:include schemaLocation="SimpleTypesv1_0.xsd"/>
    <xs:element name="UmmDownloadManagement" type="tns:UmmDownloadManagementFormat" />
    <xs:complexType name="UmmDownloadManagementFormat">
        <xs:sequence>
            <xs:element minOccurs="0" maxOccurs="1" name="UMMType" type="tns:UmmTypeFormat" />
            <xs:element minOccurs="0" maxOccurs="1" name="UMMStatus" type="tns:UmmStatusFormat" />
            <xs:element minOccurs="0" maxOccurs="1" name="PublicationDate" type="tns:PublicationDateFormat" />
        </xs:sequence>
    </xs:complexType>

```

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```

<xs:complexType name="UmmTypeFormat">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="PowerUMM">
      <xs:complexType >
        <xs:simpleContent>
          <xs:extension base="tns:int1Type">
            <xs:attribute name="Schema" type="tns:AcerSchemaVersionFormat" use="optional" default="V1" />
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
    <xs:element minOccurs="0" maxOccurs="1" name="GasUMM">
      <xs:complexType>
        <xs:simpleContent>
          <xs:extension base="tns:int1Type">
            <xs:attribute name="Schema" type="tns:AcerSchemaVersionFormat" use="optional" default="V1" />
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
    <xs:element minOccurs="0" maxOccurs="1" name="MI">
      <xs:complexType>
        <xs:simpleContent>
          <xs:extension base="tns:int1Type">
            <xs:attribute name="Schema" type="tns:AcerSchemaVersionFormat" use="optional" default="V1" />
          </xs:extension>
        </xs:simpleContent>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
<xs:complexType name="UmmStatusFormat">
  <xs:sequence>
    <xs:element minOccurs="0" maxOccurs="1" name="Active" type="tns:int1Type" />
    <xs:element minOccurs="0" maxOccurs="1" name="Inactive" type="tns:int1Type" />
  </xs:sequence>
</xs:complexType>

```

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```

        <xs:element minOccurs="0" maxOccurs="1" name="Dismissed" type="tns:int1Type" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="PublicationDateFormat">
    <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="From" type="xs:dateTime" />
        <xs:element minOccurs="0" maxOccurs="1" name="To" type="xs:dateTime" />
    </xs:sequence>
</xs:complexType>
</xs:schema>

```

3.7 SIMPLETYPESV1_0.XSD

Il seguente file contiene la definizione di tutti i tipi non base utilizzati negli schemi xsd. Il suo namespace XML-PIPE permette l'accesso dagli altri file senza che esso sia referenziato.

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<schema xmlns="http://www.w3.org/2001/XMLSchema"
    targetNamespace = "urn:XML-PIPE"
    xmlns:pd = "urn:XML-PIPE"
    elementFormDefault="qualified">

    <simpleType name="Actions">
        <restriction base="string">
            <enumeration value="Update" />
            <enumeration value="Insert" />
            <enumeration value="Delete" />
        </restriction>
    </simpleType>

    <simpleType name="PipActions">
        <restriction base="string">

```

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```

        <enumeration value="New" />
        <enumeration value="REPLACE" />
        <enumeration value="REVOCA" />
    </restriction>
</simpleType>

<simpleType name="PipUmmActions">
    <restriction base="string">
        <enumeration value="New" />
        <enumeration value="REPLACE" />
        <enumeration value="REVOCA" />
        <enumeration value="Hide" />
        <enumeration value="Show" />
    </restriction>
</simpleType>

<simpleType name="numberType">
    <restriction base="integer">
        <minInclusive value="0"/>
        <maxInclusive value="999999"/>
    </restriction>
</simpleType>

<simpleType name="floatType">
    <restriction base="float">
        <minInclusive value="0"/>
        <maxInclusive value="999999"/>
    </restriction>
</simpleType>

<simpleType name="lengthSixtyFourType_Base0">
    <restriction base="string">
        <minLength value="0"/>
        <maxLength value="64"/>
    </restriction>

```

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```
</simpleType>

<simpleType name="creationDateTimeType">
  <restriction base="integer">
    <minInclusive value="19000000"/>
    <maxInclusive value="2100000000000"/>
  </restriction>
</simpleType>

<simpleType name="EicCode">
  <restriction base="string">
    <maxLength value="16"/>
    <minLength value="16"/>
    <pattern value="[0-9][0-9][XYZTWV].+"/>
  </restriction>
</simpleType>

<simpleType name="length32Type_Base0">
  <restriction base="string">
    <minLength value="0"/>
    <maxLength value="32"/>
  </restriction>
</simpleType>

<simpleType name="AcerCode">
  <restriction base="string">
    <maxLength value="12"/>
    <minLength value="12"/>
    <pattern value="[A-Za-z0-9_]+\.[A-Z][A-Z]"/>
  </restriction>
</simpleType>

<simpleType name="unitMesGas">
  <restriction base="string">
    <enumeration value="KWh/d"/>
  </restriction>
</simpleType>
```

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```

        <enumeration value="KWh/h"/>
        <enumeration value="GWh/d"/>
        <enumeration value="GWh/h"/>
        <enumeration value="GWh"/>
        <enumeration value="TWh"/>
        <enumeration value="mcm/d"/>
    </restriction>
</simpleType>

<simpleType name="unitMesPower">
    <restriction base="string">
        <enumeration value="MW"/>
    </restriction>
</simpleType>

<simpleType name="assetTypeGas">
    <restriction base="string">
        <enumeration value="Offshore pipeline"/>
        <enumeration value="Transmission system"/>
        <enumeration value="Storage"/>
        <enumeration value="Injection"/>
        <enumeration value="Withdrawal"/>
        <enumeration value="Gas treatment plant"/>
        <enumeration value="Regasification plant"/>
        <enumeration value="Compressor station"/>
        <enumeration value="Gas production field"/>
        <enumeration value="Import contract"/>
        <enumeration value="Consumption"/>
        <enumeration value="Other"/>
    </restriction>
</simpleType>

<simpleType name="FuelType">
    <restriction base="string">
        <enumeration value="Biomass"/>
    </restriction>
</simpleType>

```

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```

    <enumeration value="Fossil Brown coal/Lignite"/>
    <enumeration value="Fossil Coal-derived gas"/>
    <enumeration value="Fossil Gas"/>
    <enumeration value="Fossil Hard coal"/>
    <enumeration value="Fossil Oil"/>
    <enumeration value="Fossil Oil shale"/>
    <enumeration value="Fossil Peat"/>
    <enumeration value="Geothermal"/>
    <enumeration value="Hydro Pumped"/>
    <enumeration value="Storage"/>
    <enumeration value="Hydro Run-of-river and poundage"/>
    <enumeration value="Hydro Water Reservoir"/>
    <enumeration value="Marine"/>
    <enumeration value="Nuclear"/>
    <enumeration value="Other renewable"/>
    <enumeration value="Solar"/>
    <enumeration value="Waste"/>
    <enumeration value="Wind Offshore"/>
    <enumeration value="Wind Onshore"/>
    <enumeration value="Other"/>
  </restriction>
</simpleType>
<simpleType name="lengthTwoType">
  <restriction base="string">
    <minLength value="1"/>
    <maxLength value="2"/>
  </restriction>
</simpleType>
<simpleType name="AcerSchemaVersionFormat">
  <restriction base="string">
    <enumeration value="V1" />
    <enumeration value="V2" />
  </restriction>
</simpleType>
</schema>

```

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4 TRANSAZIONI XML MESSE A DISPOSIZIONE DEGLI OPERATORI

4.1 FUNCTIONAL ACKNOWLEDGMENT

4.1.1 FUNCTIONAL ACKNOWLEDGMENT POSITIVO

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<PIPEFunctionalAcknowledgement xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:XML-PIPE
PIPEFunctionalAcknowledgementv1_0.xsd" ReferenceNumber="4915622" CreationDate="20210112142611" Status="Accept" OriginalReferenceNumber="15183"
Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXX</CompanyName>
        <CompanyIdentifier> A000YYYYY.IT</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <TransactionAcknowledgement Status="Accept" PIPTransactionType="PowerUmmManagement" OriginalReferenceNumber="1" ThreadID="1_002"
MarketParticipantNumber="XXX" />
  <TransactionAcknowledgement Status="Accept" PIPTransactionType="PowerUmmManagement" OriginalReferenceNumber="2" ThreadID="2_001"
MarketParticipantNumber="YYY" />
</PIPEFunctionalAcknowledgement>
  
```

4.1.2 FUNCTIONAL ACKNOWLEDGMENT NEGATIVO

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<PIPEFunctionalAcknowledgement xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:XML-PIPE
PIPEFunctionalAcknowledgementv1_0.xsd" ReferenceNumber="4914287" CreationDate="20210106154643" Status="Reject" OriginalReferenceNumber="15131"
Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXX</CompanyName>
        <CompanyIdentifier>A000YYYYY.IT</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <TransactionAcknowledgement Status="Reject" PIPTransactionType="PowerUmmManagement" OriginalReferenceNumber="5184182" ThreadID=""
MarketParticipantNumber="XXX">
    <RejectInformation>
      <Reason>4270</Reason>
      <ReasonText>Error text description</ReasonText>
    </RejectInformation>
  </TransactionAcknowledgement>
  <TransactionAcknowledgement Status="Reject" PIPTransactionType="PowerUmmManagement" OriginalReferenceNumber="5184183" ThreadID=""
MarketParticipantNumber="YYY">
    <RejectInformation>
      <Reason>4270</Reason>
      <ReasonText>Error text description /ReasonText>
    </RejectInformation>
  </TransactionAcknowledgement>

```

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```
</PIPEFunctionalAcknowledgement>
```

4.1.3 FUNCTIONALACKNOWLEDGEMENT.XSD

```
<?xml version="1.0" encoding="iso-8859-1" ?>
<schema
  xmlns="http://www.w3.org/2001/XMLSchema" targetNamespace="urn:XML-GM" xmlns:pd="urn:XML-GM" elementFormDefault="qualified">
  <include schemaLocation="BaseMessageTypes.xsd" />
  <include schemaLocation="Types.xsd" />
  <complexType name=" TransactionAcknowledgement ">
    <sequence>
      <element ref = "pd:RejectInformation" minOccurs="0" maxOccurs="unbounded"/>
    </sequence>
    <attribute name="TransactionType" type="pd:tyTransactionType" use="optional"/>
    <attribute name="Status" type="pd:tyTransactionStatus" use="required"/>
    <attribute name="PIPTransactionType" type="pd:tyTransactionType" use="optional"/>
    <attribute name="OriginalReferenceNumber" type="string" use="optional"/>
    <attribute name="ThreadID" type="string" use="optional"/>
    <attribute name="MarketParticipantNumber" type="string" use="optional"/>
    <attribute name="MPN" type="string" use="optional"/>
    <attribute name="XmlOrder" type="int" use="optional"/>
    <attribute name="RefId" type="int" use="optional"/>
  </complexType>
</schema>
```

5 ANAGRAFICA DEGLI ASSET

5.1 ASSET ELECTRICITY

5.1.1 SOTTOMISSIONE DI UN Asset Electricity

```
<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2167"
CreationDate="20151127121925" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A000000W.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <PowerAssetManagement>
      <actionType>New</actionType>
      <capacity>
        <unitMeasure>MW</unitMeasure>
        <installedCapacity>10000</installedCapacity>
      </capacity>
      <assetType>Type of Asset, see the available values into type definition</assetType>
    </PowerAssetManagement>
  </PIPTransaction>
</PIPEDocument>
```

If Asset Type is Production use this syntax


```
<fuelType>Biomass</fuelType>
<biddingZone>00Z0000000000003</biddingZone>
<ATC />
```

If Asset Type is Trasmission use this syntax

```
<ATC>
  <biddingZoneFrom>00Z0000000000001</biddingZoneFrom>
  <biddingZoneTo>00Z0000000000002</biddingZoneTo>
</ATC>
```

If Asset Type is different from Trasmission and Production use this syntax

```
<biddingZone>00Z0000000000003</biddingZone>
<ATC />

<affectedAsset>
  <name>ASSET_POWER_NAME</name>
  <eic>10Y1001A1001A877</eic>
  <description>AAA</description>
</affectedAsset>
<marketParticipant>
  <ace>A000000W.IT</ace>
</marketParticipant>
</PowerAssetManagement>
</PIPTransaction>
</PIPEDocument>
```

5.1.2 REPLACE DI UN Asset Electricity

```
<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2167"
CreationDate="20151127121925" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A000000W.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <PowerAssetManagement>
      <actionType>REPLACE Oppure REVOCA</actionType>
      <capacity>
        <unitMeasure>MW</unitMeasure>
        <installedCapacity>10000</installedCapacity>
      </capacity>
      <assetType>Type of Asset, see the available values into type definition</assetType>
    </PowerAssetManagement>
  </PIPTransaction>
</PIPEDocument>
```

If Asset Type is Production use this syntax

```
<fuelType>Biomass</fuelType>
<biddingZone>00Z0000000000003</biddingZone>
<ATC />
```

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If Asset Type is Trasmision use this syntax

```
<ATC>
  <biddingZoneFrom>00Z0000000000001</biddingZoneFrom>
  <biddingZoneTo>00Z0000000000002</biddingZoneTo>
</ATC>
```

If Asset Type is different from Trasmision and Production use this syntax

```
<biddingZone>00Z0000000000003</biddingZone>
<ATC />
<affectedAsset>
  <name>ASSET_POWER_NAME</name>
  <eic>10Y1001A1001A877</eic>
  <description>AAA</description>
</affectedAsset>
<marketParticipant>
  <ace>A0000000W.IT</ace>
</marketParticipant>
</PowerAssetManagement>
</PIPTransaction>
</PIPEDocument>
```

5.1.3 REVOCA DI UN Asset Electricity

```
<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2167"
CreationDate="20151127121925" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
```

Le informazioni contenute nel presente documento sono di proprietà di GME S.p.A. e non possono, al pari di tale documento, essere riprodotte, utilizzate o divulgate in tutto o in parte a terzi senza preventiva autorizzazione scritta di GME S.p.A

```

        <CompanyIdentifier>A0000000W.IT</CompanyIdentifier>
    </TradingPartner>
</Sender>
<Recipient>
    <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
    </TradingPartner>
</Recipient>
</TradingPartnerDirectory>
<PIPTransaction>
    <PowerAssetManagement>
        <actionType>REVOCA</actionType>
        <capacity>
            <unitMeasure>MW</unitMeasure>
            <installedCapacity>10000</installedCapacity>
        </capacity>
        <assetType>Type of Asset, see the available values into type definition</assetType>
    </PowerAssetManagement>
</PIPTransaction>

```

If Asset Type is Production use this syntax

```

    <fuelType>Biomass</fuelType>
    <biddingZone>00Z0000000000003</biddingZone>
    <ATC />

```

If Asset Type is Trasmission use this syntax

```

    <ATC>
        <biddingZoneFrom>00Z0000000000001</biddingZoneFrom>
        <biddingZoneTo>00Z0000000000002</biddingZoneTo>
    </ATC>

```

If Asset Type is different from Trasmission and Production use this syntax

```

    <biddingZone>00Z0000000000003</biddingZone>

```

```

    <ATC />
    <affectedAsset>
      <name>ASSET_POWER_NAME</name>
      <eic>10Y1001A1001A877</eic>
      <description>AAA</description>
    </affectedAsset>
    <marketParticipant>
      <ace>A0000000W.IT</ace>
    </marketParticipant>
  </PowerAssetManagement>
</PIPTransaction>
</PIPEDocument>

```

5.2 ASSET GAS

5.2.1 SOTTOMISSIONE DI UN Asset Gas

```

<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2181"
CreationDate="20151127124714" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A0000000Z.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
</PIPTransaction>

```

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```

<GasAssetManagement>
  <actionType>New</actionType>
  <capacity>
    <unitMeasure> Unit of Measurement, see the available values into type definition </unitMeasure>
    <technicalCapacity>1000</technicalCapacity>
  </capacity>
  <assetType>Type of Asset, see the available values into type definition</assetType>

```

If Asset Type is different from Trasmission use this syntax

```

<balancingZone>00Z0000000000003</balancingZone>
<ATC />

```

If Asset Type is Trasmission use this syntax

```

<ATC>
  <balancingZoneFrom>00Z0000000000001</balancingZoneFrom >
  <balancingZoneTo>00Z0000000000002</balancingZoneTo >
</ATC>

```

```

<affectedAsset>
  <name>ASSET_GAS_NAME</name>
  <eic>10Y1001A1001A81J</eic>
  <description>Test</description>
</affectedAsset>
<marketParticipant>
  <ace>A0000000Z.IT</ace>
</marketParticipant>
</GasAssetManagement>
</PIPTransaction>
</PIPEDocument>

```

5.2.2 REPLACE DI UN Asset Gas

```
<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2181"
CreationDate="20151127124714" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A000000Z.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <GasAssetManagement>
      <actionType>REPLACE </actionType>
      <capacity>
        <unitMeasure>KWh/d</unitMeasure>
        <technicalCapacity>1000</technicalCapacity>
      </capacity>
      <assetType>Type of Asset, see the available values into type definition</assetType>
    </GasAssetManagement>
  </PIPTransaction>
</PIPEDocument>
```

If Asset Type is different from Trasmission use this syntax

```
<balancingZone>00Z0000000000003</balancingZone>
<ATC />
```

If Asset Type is Trasmission use this syntax

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```

    <ATC>
      <balancingZoneFrom>00Z0000000000001</balancingZoneFrom >
      <balancingZoneTo>00Z0000000000002</balancingZoneTo >
    </ATC>
    <affectedAsset>
      <name>ASSET_GAS_NAME</name>
      <eic>10Y1001A1001A81J</eic>
      <description>Test</description>
    </affectedAsset>
    <marketParticipant>
      <ace>A000000Z.IT</ace>
    </marketParticipant>
  </GasAssetManagement>
</PIPTransaction>
</PIPEDocument>

```

5.2.3 REVOCA DI UN Asset Gas

```

<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2181"
CreationDate="20151127124714" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A000000Z.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>

```

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```

    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <GasAssetManagement>
      <actionType>REVOCA</actionType>
      <capacity>
        <unitMeasure>KWh/d</unitMeasure>
        <technicalCapacity>1000</technicalCapacity>
      </capacity>
      <assetType>Type of Asset, see the available values into type definition</assetType>
    </GasAssetManagement>
  </PIPTransaction>
</PIPEDocument>

```

If Asset Type is different from Transmission use this syntax

```

    <balancingZone>00Z0000000000003</balancingZone>
  <ATC />

```

If Asset Type is Transmission use this syntax

```

  <ATC>
    <balancingZoneFrom>00Z0000000000001</balancingZoneFrom >
    <balancingZoneTo>00Z0000000000002</balancingZoneTo >
  </ATC>
  <affectedAsset>
    <name>ASSET_GAS_NAME</name>
    <eic>10Y1001A1001A81J</eic>
    <description>Test</description>
  </affectedAsset>
  <marketParticipant>
    <ace>A0000000Z.IT</ace>
  </marketParticipant>
</GasAssetManagement>
</PIPTransaction>
</PIPEDocument>

```

6 GESTIONE DEGLI UMM

6.1 ELECTRYCITY UMM

6.1.1 SOTTOMISSIONE DI UN Electricity UMM

```

<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2133"
CreationDate="20151124160030" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A000000W.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <PowerUmmManagement>
      <actionType>New</actionType>
      <updateId xsi:nil="true" />
      <eventInfo>
        <eventType>Trasmission unavailability</eventType>
        <eventStart>2015-11-24T15:02:02.299Z</eventStart>
        <eventStop>2015-11-28T11:00:00Z</eventStop>
      </eventInfo>
      <capacity>
        <unitMeasure>MW</unitMeasure>
      </capacity>
    </PowerUmmManagement>
  </PIPTransaction>
</PIPEDocument>
  
```

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```

        <installedCapacity>50000</installedCapacity>
        <availableCapacity>45000</availableCapacity>
        <unavailableCapacity>5000</unavailableCapacity>
    </capacity>
    <unavailabilityType>Planned/Unplanned</unavailabilityType>
    <unavailabilityReason>Text for Unavailability Reason</unavailabilityReason>
    <remarks>Text for describe UMM</remarks>
    <affectedAsset>
        <name>ASSET_POWER_NAME</name>
    </affectedAsset>
    <marketParticipant>
        <ace>A0000000W.IT</ace>
    </marketParticipant>
    <capacityIntervals>
        <CapacityInterval>
            <intervalStart>2021-07-11T02:00:00Z</intervalStart>
            <intervalStop>2021-07-12T00:00:00Z</intervalStop>
            <unavailableCapacity>10</unavailableCapacity>
            <availableCapacity>14.5</availableCapacity>
        </CapacityInterval>
        <CapacityInterval>
            <intervalStart>2021-07-14T02:00:00Z</intervalStart>
            <intervalStop>2021-07-19T12:00:00Z</intervalStop>
            <unavailableCapacity>21</unavailableCapacity>
            <availableCapacity>3.5</availableCapacity>
        </CapacityInterval>
    </capacityIntervals>
</PowerUmmManagement>
</PIPTransaction>
</PIPEDocument>

```

6.1.2 REPLACE DI UN Electricity UMM

```
<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2133"
CreationDate="20151124160030" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A0000000W.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <PowerUmmManagement>
      <actionType>REPLACE </actionType>
      <updateId>UMM ID to Update</updateId>
      <eventInfo>
        <eventType>Trasmission unavailability</eventType>
        <eventStart>2015-11-24T15:02:02.299Z</eventStart>
        <eventStop>2015-11-28T11:00:00Z</eventStop>
      </eventInfo>
      <capacity>
        <unitMeasure>MW</unitMeasure>
        <installedCapacity>50000</installedCapacity>
        <availableCapacity>45000</availableCapacity>
        <unavailableCapacity>5000</unavailableCapacity>
      </capacity>
    </PowerUmmManagement>
  </PIPTransaction>
</PIPEDocument>
```

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```

    <unavailabilityType>Planned/Unplanned</unavailabilityType>
    <unavailabilityReason>Text for Unavailability Reason</unavailabilityReason>
    <remarks>Text for describe UMM</remarks>
    <affectedAsset>
      <name>ASSET_POWER_NAME</name>
    </affectedAsset>
    <marketParticipant>
      <ace>A0000000W.IT</ace>
    </marketParticipant>
  </PowerUmmManagement>
</PIPTransaction>
</PIPEDocument>

```

6.1.3 REVOCA DI UN Electricity UMM

```

<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2133"
CreationDate="20151124160030" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A0000000W.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>

```

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```

<PIPTransaction>
  <PowerUmmManagement>
    <actionType>REVOCA</actionType>
    <updateId>UMM ID to Update</updateId>
    <eventInfo>
      <eventType>Trasmission unavailability</eventType>
      <eventStart>2015-11-24T15:02:02.299Z</eventStart>
      <eventStop>2015-11-28T11:00:00Z</eventStop>
    </eventInfo>
    <capacity>
      <unitMeasure>MW</unitMeasure>
      <installedCapacity>50000</installedCapacity>
      <availableCapacity>45000</availableCapacity>
      <unavailableCapacity>5000</unavailableCapacity>
    </capacity>
    <unavailabilityType>Planned/Unplanned</unavailabilityType>
    <unavailabilityReason>Text for Unavailability Reason</unavailabilityReason>
    <remarks>Text for describe UMM</remarks>
    <affectedAsset>
      <name>ASSET_POWER_NAME</name>
    </affectedAsset>
    <marketParticipant>
      <ace>A0000000W.IT</ace>
    </marketParticipant>
  </PowerUmmManagement>
</PIPTransaction>
</PIPEDocument>

```

6.2 GAS UMM

6.2.1 SOTTOMISSIONE DI UN Gas UMM

```

<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" ReferenceNumber="2050"
CreationDate="20151118143626" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A000000W.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <GasUmmManagement>
      <actionType>New</actionType>
      <updateId xsi:nil="true" />
      <eventInfo>
        <eventType>Offshore pipeline unavailability</eventType>
        <eventStart>2015-11-18T13:36:17.452Z</eventStart>
        <eventStop>2015-11-19T11:00:00Z</eventStop>
      </eventInfo>
      <capacity>
        <unitMeasure>Choose from the available unit type into the xsd definition</unitMeasure>
        <technicalCapacity>1000</technicalCapacity>
        <availableCapacity>500</availableCapacity>
      </capacity>
    </GasUmmManagement>
  </PIPTransaction>
</PIPEDocument>
  
```

Le informazioni contenute nel presente documento sono di proprietà di GME S.p.A. e non possono, al pari di tale documento, essere riprodotte, utilizzate o divulgate in tutto o in parte a terzi senza preventiva autorizzazione scritta di GME S.p.A.

```

        <unavailableCapacity>500</unavailableCapacity>
    </capacity>
    <unavailabilityType>Planned/Unplanned</unavailabilityType>
    <unavailabilityReason>Text for Unavailability Reason </unavailabilityReason>
    <remarks>Text for describe UMM </remarks>
    <affectedAsset>
        <name>ASSET_GAS_NAME</name>
    </affectedAsset>
    <marketParticipant>
        <ace>A0000000W.IT</ace>
    </marketParticipant>
    <direction>Entry/Exit</direction>
</GasUmmManagement>
</PIPTransaction>
</PIPEDocument>

```

6.2.2 REPLACE DI UN Gas UMM

```

<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" ReferenceNumber="2050"
CreationDate="20151118143626" Version="1.0" xmlns="urn:XML-PIPE">
    <TradingPartnerDirectory>
        <Sender>
            <TradingPartner PartnerType="Operator">
                <CompanyName>XXXXXXX S.P.A.</CompanyName>
                <CompanyIdentifier>A0000000W.IT</CompanyIdentifier>
            </TradingPartner>
        </Sender>
        <Recipient>
            <TradingPartner PartnerType="Operator">
                <CompanyName>Gme Energy Manager</CompanyName>
                <CompanyIdentifier>IDGME</CompanyIdentifier>
            </TradingPartner>
        </Recipient>
    </TradingPartnerDirectory>

```

Le informazioni contenute nel presente documento sono di proprietà di GME S.p.A. e non possono, al pari di tale documento, essere riprodotte, utilizzate o divulgate in tutto o in parte a terzi senza preventiva autorizzazione scritta di GME S.p.A.


```

        </TradingPartner>
    </Recipient>
</TradingPartnerDirectory>
<PIPTransaction>
    <GasUmmManagement>
        <actionType>REPLACE</actionType>
        <updateId>UMM ID to Update</updateId>
        <eventInfo>
            <eventType>The 'Type of Event' details the subject of the unavailability. Se the xsd for the available values</eventType>
            <eventStart>2015-11-18T13:36:17.452Z</eventStart>
            <eventStop>2015-11-19T11:00:00Z</eventStop>
        </eventInfo>
        <capacity>
            <unitMeasure> Choose from the available unit type into the xsd definition </unitMeasure>
            <technicalCapacity>1000</technicalCapacity>
            <availableCapacity>500</availableCapacity>
            <unavailableCapacity>500</unavailableCapacity>
        </capacity>
        <unavailabilityType>Planned/Unplanned</unavailabilityType>
        <unavailabilityReason>Text for Unavailability Reason </unavailabilityReason>
        <remarks>Text for describe UMM </remarks>
        <affectedAsset>
            <name>ASSET_GAS_NAME</name>
        </affectedAsset>
        <marketParticipant>
            <ace>A0000000W.IT</ace>
        </marketParticipant>
        <direction>Entry/Exit</direction>
    </GasUmmManagement>
</PIPTransaction>
</PIPEDocument>

```

6.2.3 REVOCA DI UN Gas UMM

```

<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" ReferenceNumber="2050"
CreationDate="20151118143626" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A000000W.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <GasUmmManagement>
      <actionType>REVOCA</actionType>
      <updateId>UMM ID to Update</updateId>
      <eventInfo>
        <eventType>Offshore pipeline unavailability</eventType>
        <eventStart>2015-11-18T13:36:17.452Z</eventStart>
        <eventStop>2015-11-19T11:00:00Z</eventStop>
      </eventInfo>
      <capacity>
        <unitMeasure> Choose from the available unit type into the xsd definition </unitMeasure>
        <technicalCapacity>1000</technicalCapacity>
        <availableCapacity>500</availableCapacity>
        <unavailableCapacity>500</unavailableCapacity>
      </capacity>
    </GasUmmManagement>
  </PIPTransaction>
</PIPEDocument>

```

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```
<unavailabilityType>Planned/Unplanned</unavailabilityType>
<unavailabilityReason>Text for Unavailability Reason </unavailabilityReason>
<remarks>Text for describe UMM </remarks>
<affectedAsset>
  <name>ASSET_GAS_NAME</name>
</affectedAsset>
<marketParticipant>
  <ace>A0000000W.IT</ace>
</marketParticipant>
<direction>Entry/Exit</direction>
</GasUmmManagement>
</PIPTransaction>
</PIPEDocument>
```

6.3 MARKET INFORMATION

6.3.1 SOTTOMISSIONE DI UNA Market Information

```
<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2106"
CreationDate="20151118151802" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A0000000W.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <MarketInformationManagement>
      <actionType>New</actionType>
      <updateId xsi:nil="true" />
      <eventInfo>
        <eventType>qqq</eventType>
        <eventStart>2015-11-18T14:19:15.776Z</eventStart>
        <eventStop>2015-11-19T11:00:00Z</eventStop>
      </eventInfo>
      <remarks>qqq</remarks>
      <marketParticipant>
        <ace>A0000000W.IT</ace>
      </marketParticipant>
    </MarketInformationManagement>
  </PIPTransaction>
</PIPEDocument>
```

Le informazioni contenute nel presente documento sono di proprietà di GME S.p.A. e non possono, al pari di tale documento, essere riprodotte, utilizzate o divulgate in tutto o in parte a terzi senza preventiva autorizzazione scritta di GME S.p.A.

```

    </MarketInformationManagement>
  </PIPTransaction>
</PIPEDocument>

```

6.3.2 REPLACE DI UNA Market Information

```

<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2106"
CreationDate="20151118151802" Version="1.0" xmlns="urn:XML-PIPE">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXXXXXX S.P.A.</CompanyName>
        <CompanyIdentifier>A000000W.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <MarketInformationManagement>
      <actionType>REPLACE</actionType>
      <updateId>Market Information ID to Update</updateId>
      <eventInfo>
        <eventType>qqq</eventType>
        <eventStart>2015-11-18T14:19:15.776Z</eventStart>
        <eventStop>2015-11-19T11:00:00Z</eventStop>
      </eventInfo>
      <remarks>qqq</remarks>
      <marketParticipant>

```

Le informazioni contenute nel presente documento sono di proprietà di GME S.p.A. e non possono, al pari di tale documento, essere riprodotte, utilizzate o divulgate in tutto o in parte a terzi senza preventiva autorizzazione scritta di GME S.p.A.

```

        <ace>A0000000W.IT</ace>
    </marketParticipant>
</MarketInformationManagement>
</PIPTransaction>
</PIPEDocument>

```

6.3.3 REVOCA DI UNA Market Information

```

<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ReferenceNumber="2106"
CreationDate="20151118151802" Version="1.0" xmlns="urn:XML-PIPE">
    <TradingPartnerDirectory>
        <Sender>
            <TradingPartner PartnerType="Operator">
                <CompanyName>XXXXXXX S.P.A.</CompanyName>
                <CompanyIdentifier>A0000000W.IT</CompanyIdentifier>
            </TradingPartner>
        </Sender>
        <Recipient>
            <TradingPartner PartnerType="Operator">
                <CompanyName>Gme Energy Manager</CompanyName>
                <CompanyIdentifier>IDGME</CompanyIdentifier>
            </TradingPartner>
        </Recipient>
    </TradingPartnerDirectory>
    <PIPTransaction>
        <MarketInformationManagement>
            <actionType>REVOCA</actionType>
            <updateId>Market Information ID to Update</updateId>
            <eventInfo>
                <eventType>qqq</eventType>
                <eventStart>2015-11-18T14:19:15.776Z</eventStart>
                <eventStop>2015-11-19T11:00:00Z</eventStop>
            </eventInfo>
        </MarketInformationManagement>
    </PIPTransaction>
</PIPEDocument>

```

Le informazioni contenute nel presente documento sono di proprietà di GME S.p.A. e non possono, al pari di tale documento, essere riprodotte, utilizzate o divulgate in tutto o in parte a terzi senza preventiva autorizzazione scritta di GME S.p.A.

```

        <remarks>qqq</remarks>
        <marketParticipant>
            <ace>A0000000W.IT</ace>
        </marketParticipant>
    </MarketInformationManagement>
</PIPTransaction>
</PIPEDocument>

```

6.4 DOWNLOAD UMM

6.4.1 RICHIESTA

Richiesta di download dei propri UMM

```

<?xml version="1.0" encoding="iso-8859-1"?>
<PIPEDocument xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema" ReferenceNumber="7198"
CreationDate="20240508164513" xmlns="urn:XML-PIPE">
    <TradingPartnerDirectory>
        <Sender>
            <TradingPartner PartnerType="Operator">
                <CompanyName>XXX SPA</CompanyName>
                <CompanyIdentifier>A0000000W.IT</CompanyIdentifier>
            </TradingPartner>
        </Sender>
        <Recipient>
            <TradingPartner PartnerType="Operator">
                <CompanyName>Gme Energy Manager</CompanyName>
                <CompanyIdentifier>IDGME</CompanyIdentifier>
            </TradingPartner>
        </Recipient>
    </TradingPartnerDirectory>
</PIPTransaction>
    <UmmDownloadManagement>

```

Le informazioni contenute nel presente documento sono di proprietà di GME S.p.A. e non possono, al pari di tale documento, essere riprodotte, utilizzate o divulgate in tutto o in parte a terzi senza preventiva autorizzazione scritta di GME S.p.A.

```
<UMMType>
  <PowerUMM Schema="V2">1</PowerUMM>
  <GasUMM Schema="V2">1</GasUMM>
  <MI Schema="V1">1</MI>
</UMMType>
<UMMStatus>
  <Active>1</Active>
  <Inactive>1</Inactive>
  <Dismissed>1</Dismissed>
</UMMStatus>
<PublicationDate>
  <From>2024-01-01T00:00:00Z</From>
  <To>2024-01-02T00:00:00Z</To>
</PublicationDate>
</UmmDownloadManagement>
</PIPTransaction>
</PIPEDocument>
```


6.4.2 RISPOSTA

La risposta generata sarà conforme al rispettivo schema di ACER nel caso in cui venga indicato nella richiesta:

- la versione V2 dello schema per UMM Electricity (Power) e Gas
- la versione V1 dello schema per le Market Information o nel caso in cui l'attributo venga omissso

```
<?xml version="1.0" encoding="utf-8"?>
<PIPEDocument xmlns="urn:XML-PIPE" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
ReferenceNumber="88532" CreationDate="20240807145440" Version="1.0">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXX SPA</CompanyName>
        <CompanyIdentifier>A0000000W.IT</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <OriginalReferenceNumber>185597</OriginalReferenceNumber>

    <PowerUmmExport xmlns="">
      <REMITUrgentMarketMessages xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns="http://www.acer.europa.eu/REMIT/REMITUMMElectricitySchema_V2.xsd">
        <UMM>
          <messageId>00000000000000000000000017801_002</messageId>
          <event>
```

Le informazioni contenute nel presente documento sono di proprietà di GME S.p.A. e non possono, al pari di tale documento, essere riprodotte, utilizzate o divulgate in tutto o in parte a terzi senza preventiva autorizzazione scritta di GME S.p.A.

```

        <eventStatus>Dismissed</eventStatus>
        <eventType>Production unavailability</eventType>
        <eventStart>2024-01-16T18:00:00</eventStart>
        <eventStop>2024-01-16T21:59:58</eventStop>
    </event>
    <unavailabilityType>Planned</unavailabilityType>
    <publicationDateTime>2024-01-01T09:36:29.543</publicationDateTime>
    <capacity>
        <unitMeasure>MW</unitMeasure>
        <installedCapacity>350</installedCapacity>
        <capacityInterval>
            <intervalStart>2024-01-16T18:00:00</intervalStart>
            <intervalStop>2024-01-16T21:59:58</intervalStop>
            <unavailableCapacity>169.0000</unavailableCapacity>
            <availableCapacity>0.0000</availableCapacity>
        </capacityInterval>
        <capacityInterval>
            <intervalStart>2024-01-15T19:00:00</intervalStart>
            <intervalStop>2024-01-16T18:14:59</intervalStop>
            <unavailableCapacity>178.0000</unavailableCapacity>
            <availableCapacity>0.0000</availableCapacity>
        </capacityInterval>
    </capacity>
    <unavailabilityReason>PLANNED UNAVAILABILITY</unavailabilityReason>
    <remarks>PLANNED UNAVAILABILITY</remarks>
    <biddingZone>10Y1001A1001XXX</biddingZone>
    <affectedAsset>
        <name xmlns="http://www.acer.europa.eu/REMIT/REMITUMMCommonSchema_V1.xsd">UP_XXX_1</name>
    </affectedAsset>
    <marketParticipant>
        <name xmlns="http://www.acer.europa.eu/REMIT/REMITUMMCommonSchema_V1.xsd">XXX SPA</name>
        <ace xmlns="http://www.acer.europa.eu/REMIT/REMITUMMCommonSchema_V1.xsd">A0000000W.IT</ace>
    </marketParticipant>
</UMM>
</REMITUrgentMarketMessages>

```



```

<MarketInformationExport xmlns="">
  <REMITUrgentMarketMessages xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns="http://www.acer.europa.eu/REMIT/REMITUMMOtherSchema_V1.xsd">
    <UMM>
      <messageId>000000000000000000000022_001</messageId>
      <event>
        <eventStatus>Dismissed</eventStatus>
        <eventStart>2024-01-01T00:00:00</eventStart>
        <eventStop>2024-01-01T00:00:00</eventStop>
      </event>
      <publicationDateTime>2024-01-01T14:30:24.423</publicationDateTime>
      <remarks>info 1</remarks>
      <marketParticipant>
        <name xmlns="http://www.acer.europa.eu/REMIT/REMITUMMCommonSchema_V1.xsd">XXX S.P.A.</name>
        <ace xmlns="http://www.acer.europa.eu/REMIT/REMITUMMCommonSchema_V1.xsd">A0000000W.IT</ace>
      </marketParticipant>
    </UMM>
  </REMITUrgentMarketMessages>
</MarketInformationExport>
</PIPTransaction>
</PIPEDocument>

```

Nel caso in cui nella richiesta venga indicato lo schema V1 (o venga omissso l'attributo dello Schema) per gli UMM Electricity (Power) e Gas l'xml generato nella risposta avrà il seguente formato.

```
<?xml version="1.0" encoding="utf-8"?>
<PIPEDocument xmlns="urn:XML-PIPE" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
ReferenceNumber="5259479" CreationDate="20240820085830" Version="1.0">
  <TradingPartnerDirectory>
    <Sender>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>XXX SPA.</CompanyName>
        <CompanyIdentifier>A0000000W.IT</CompanyIdentifier>
      </TradingPartner>
    </Recipient>
  </TradingPartnerDirectory>
  <PIPTransaction>
    <OriginalReferenceNumber>5855999</OriginalReferenceNumber>
    <PowerUmmExport>
      <PowerUmm>
        <actionType>Export</actionType>
        <AcerId>00000000000000000000000017802_002</AcerId>
        <marketParticipantNumber>XYZ_003</marketParticipantNumber>
        <eventInfo>
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          <eventType>Production unavailability</eventType>
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        </eventInfo>
      </PowerUmm>
    </PowerUmmExport>
  </PIPTransaction>
</PIPEDocument>
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    <capacity>
      <unitMeasure>4</unitMeasure>
      <installedCapacity>281</installedCapacity>
      <availableCapacity>0</availableCapacity>
      <unavailableCapacity>169</unavailableCapacity>
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    <unavailabilityReason>PLANNED UNAVAILABILITY</unavailabilityReason>
    <remarks />
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      <name>UP_BARGI_CEN_1</name>
      <countryCode>IT</countryCode>
      <biddingZone>NORD</biddingZone>
    </affectedAsset>
  </PowerUmm>
</PowerUmmExport>
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  <GasUmm>
    <actionType>Export</actionType>
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    <marketParticipantNumber />
    <eventInfo>
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      <eventType>Regasification plant unavailability</eventType>
      <publicationDate>2023-11-21T08:37:25Z</publicationDate>
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      <eventStop>2023-11-01T00:00:00Z</eventStop>
    </eventInfo>
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      <availableCapacity>20.72</availableCapacity>
      <unavailableCapacity>1</unavailableCapacity>
    </capacity>
    <unavailabilityType>PLANNED</unavailabilityType>
  </GasUmm>
</GasUmmExport>

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<unavailabilityReason>yyy</unavailabilityReason>
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  <balancingZone>AAA</balancingZone>
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</GasUmm>
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