

IDENTIFICATIVO: **PIP Implementation Guide ver. 2.3**

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

# Piattaforma Informazioni Privilegiate Implementation Guide

**Registro delle Revisioni**

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00	15/12/2015	n.a.	Prima emissione
01	10/09/2021	n.a.	Adeguamento degli schemi XSD UMM Power e GAS alla versione 2 di ACER
02	01/09/2022	n.a.	Dismissione dello schema XSD V1 per UMM Power

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# INTRODUZIONE

## 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.

## FLUSSI DI INSERIMENTO

Di seguito l'ordine di inserimento delle informazioni:

1. Asset Power
2. UMM Power

1. Asset Gas
2. UMM Gas

1. Market Information

## 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.

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:complexType name="AffectedAssetTag">
    <xs:sequence>
        <xs:element minOccurs="0" maxOccurs="1" name="name" type="tns:lengthSixtyFourType_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>

```

## PowerAssetManagementFormat.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:lengthSixtyFourType_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: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>

```

## 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: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: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: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>

```

## PowerUmmManagementFormat.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="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="1" maxOccurs="unbounded" name="capacityIntervals" nillable="false" type="tns:CapacityIntervalList" />
</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: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="0" 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>

```

```

    </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>

```

## 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: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>

```

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.

### SimpleTypesv1\_0.XSD

```
<?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">
      <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>
</simpleType>

<simpleType name="creationDateTimeType">
  <restriction base="integer">
    <minInclusive value="19000000"/>
    <maxInclusive value="21000000000000"/>
  </restriction>
</simpleType>

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

</schema>
```

# TRANSAZIONI XML MESSE A DISPOSIZIONE DEGLI OPERATORI

## FUNCTIONAL ACKNOWLEDGMENT

### 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>
```

### 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>
</PIPEFunctionalAcknowledgement>

```

## 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"/>
    </complexType>

```

```
<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>
```

# ANAGRAFICA DEGLI ASSET

## 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>
    <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>
    </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**

```
<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>

```

## 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>A0000000Z.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 sintax

```
<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>
```

## 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>A0000000Z.IT</CompanyIdentifier>
      </TradingPartner>
    </Sender>
    <Recipient>
      <TradingPartner PartnerType="Operator">
        <CompanyName>Gme Energy Manager</CompanyName>
        <CompanyIdentifier>IDGME</CompanyIdentifier>
      </TradingPartner>
    </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>
```

**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>
```

## SOTTOMISSIONE DI UN Asset Power

```
<?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>
```

**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>
```

## REPLACE DI UN Asset Power

```
<?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>A0000000W.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>1000</installedCapacity>
</capacity>
<assetType>Type of Asset, see the available values into type definition</assetType>
```

**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>
```

## REVOCA DI UN Asset Power

```
<?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>REVOCA</actionType>
    <capacity>
      <unitMeasure>MW</unitMeasure>
      <installedCapacity>10000</installedCapacity>
    </capacity>
    <assetType>Type of Asset, see the available values into type definition</assetType>
  </PowerAssetManagement>

```

**If Asset Type is Production use this syntax**

```

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

```

**If Asset Type is Transmission use this syntax**

```

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

```

**If Asset Type is different from Transmission 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>
```

# GESTIONE DEGLI UMM

## SOTTOMISSIONE DI UN UMM Gas

```
<?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>
        <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>

```

## REPLACE DI UN UMM Gas

```

<?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>
  <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>

```

## REVOCA DI UN UMM Gas

```

<?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>
  <PIPTransaction>
    <GasUmmManagement>
      <actionType>REVOCA</actionType>
      <updateId>UMM ID to Update</updateId>
    </GasUmmManagement>
  </PIPTransaction>
</PIPEDocument>

```

```

<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>
<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>
</GasUmmManagement>
</PIPTransaction>
</PIPEDocument>

```

## SOTTOMISSIONE DI UN UMM Power

```

<?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>New</actionType>
    <updateId xsi:nil="true" />
    <eventInfo>
      <eventType>Transmission 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>
    <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>
```



## REPLACE DI UN UMM Power

```
<?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>
      <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>
```

```
</PIPTransaction>
</PIPEDocument>
```

## REVOCA DI UN UMM Power

```
<?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>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>
```

## 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>
```

## 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>
        <ace>A000000W.IT</ace>
      </marketParticipant>
    </MarketInformationManagement>
  </PIPTransaction>
</PIPEDocument>
```

## 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>A000000W.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>
      <remarks>qqq</remarks>
      <marketParticipant>
        <ace>A000000W.IT</ace>
      </marketParticipant>
    </MarketInformationManagement>
  </PIPTransaction>
</PIPEDocument>
```