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1 <wsdl:definitions xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
2   xmlns:wsp="http://schemas.xmlsoap.org/ws/2004/09/policy"
3   xmlns:wsu="
4     "http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
5   xmlns:wsaw="http://www.w3.org/2006/05/addressing/wsdl"
6   xmlns:mime="http://schemas.xmlsoap.org/wsdl/mime/"
7   xmlns:http="http://schemas.xmlsoap.org/wsdl/http/"
8   xmlns:obp="https://obp.neso.energy/ConsumeAvailabilityConfirmation"
9   xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
10  xmlns:soap12="http://schemas.xmlsoap.org/wsdl/soap12/"
11  targetNamespace="https://obp.neso.energy/ConsumeAvailabilityConfirmation">
12    <wsp:Policy wsu:Id="UTOverTransport">
13      <wsp:ExactlyOne>
14        <wsp:All>
15          <sp:SignedSupportingTokens xmlns:sp=
16            "http://schemas.xmlsoap.org/ws/2005/07/securitypolicy">
17            <wsp:Policy>
18              <sp:UsernameToken
19                sp:IncludeToken=
20                  "http://schemas.xmlsoap.org/ws/2005/07/securitypolicy/IncludeToken/Alway
21                    sToRecipient"/>
22            </wsp:Policy>
23          </sp:SignedSupportingTokens>
24        </wsp:All>
25      </wsp:ExactlyOne>
26    </wsp:Policy>
27    <wsdl:types>
28      <schema xmlns="http://www.w3.org/2001/XMLSchema"
29        attributeFormDefault="unqualified" elementFormDefault="qualified"
30        targetNamespace="https://obp.neso.energy/ConsumeAvailabilityConfirmation">
31        <simpleType name="ServiceType">
32          <restriction base="string">
33            <minLength value="1"/>
34            <maxLength value="25"/>
35          </restriction>
36        </simpleType>
37        <simpleType name="ConfirmationType">
38          <restriction base="string">
39            <enumeration value="ACCEPTED"/>
40            <enumeration value="REJECTED"/>
41          </restriction>
42        </simpleType>
43        <simpleType name="UnitIDType">
44          <restriction base="string">
45            <minLength value="1"/>
46            <maxLength value="20"/>
47            <pattern value="^[^s]+$"/>
48          </restriction>
49        </simpleType>
50        <simpleType name="AUType">
51          <restriction base="string">
52            <minLength value="0"/>
53            <maxLength value="20"/>
54            <pattern value="^[^s]+$"/>
55          </restriction>
56        </simpleType>
57        <simpleType name="ReasonType">
58          <restriction base="string">
59            <minLength value="0"/>
60            <maxLength value="200"/>
61          </restriction>
62        </simpleType>
63        <simpleType name="ValidType">
64          <restriction base="string">
65            <enumeration value="VALID"/>
66            <enumeration value="INVALID"/>
67          </restriction>
68        </simpleType>
69        <simpleType name="DetailsType">
70          <restriction base="string">
71            <minLength value="0"/>
72            <maxLength value="2000"/>
73          </restriction>
74        </simpleType>
75      </schema>
76    </wsdl:types>
77  </wsdl:definitions>
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69         </restriction>
70     </simpleType>
71     <simpleType name="ResponseMessage">
72         <restriction base="string">
73             <enumeration value="SUCCESS"/>
74             <enumeration value="FAILURE"/>
75         </restriction>
76     </simpleType>
77     <complexType name="AvailabilityWindowType">
78         <sequence>
79             <element name="StartDateTime" type="dateTime"/>
80             <element name="EndDateTime" type="dateTime"/>
81             <element minOccurs="0" name="Validation" type="obp:ValidType"/>
82             <element minOccurs="0" name="WindowReason" type="obp:ReasonType"/>
83         </sequence>
84     </complexType>
85     <element name="Availability_Conf_Message">
86         <complexType>
87             <sequence>
88                 <element name="ServiceType" type="obp:ServiceType"/>
89                 <element name="UnitID" type="obp:UnitIDType"/>
90                 <element minOccurs="0" name="AUI" type="obp:AUIType"/>
91                 <element maxOccurs="unbounded" minOccurs="0" name="AvailabilityWindow"
92                     type="obp:AvailabilityWindowType"/>
93                 <element name="Confirmation" type="obp:ConfirmationType"/>
94                 <element minOccurs="0" name="FileReason" type="obp:ReasonType"/>
95                 <element name="DateTimeStamp" type="dateTime"/>
96             </sequence>
97         </complexType>
98     </element>
99     <element name="Availability_Conf_Response" type="obp:ResponseType"/>
100 <complexType name="ResponseType">
101     <sequence>
102         <element minOccurs="0" name="ServiceType" type="string"/>
103         <element minOccurs="0" name="UnitID" type="string"/>
104         <element minOccurs="0" name="Response" type="obp:ResponseMessage"/>
105         <element minOccurs="0" name="Details" type="obp:DetailsType"/>
106     </sequence>
107 </complexType>
108 </schema>
109 </wsdl:types>
110 <wsdl:message name="ConsumeAvailabilityConfOPRequest">
111     <wsdl:part name="AvailabilityConfRequest" element="obp:Availability_Conf_Message"
112     />
113 </wsdl:message>
114 <wsdl:message name="ConsumeAvailabilityConfOPResponse">
115     <wsdl:part name="AvailabilityConfResponse" element=
116     "obp:Availability_Conf_Response"/>
117 </wsdl:message>
118 <wsdl:portType name="V4_ConsumeAvailabilityConfPSPortType" wsp:PolicyURIs=
119 "#UTOverTransport">
120     <wsdl:operation name="ConsumeAvailabilityConfOP">
121         <wsdl:input message="obp:ConsumeAvailabilityConfOPRequest"
122             wsaw:Action="ConsumeAvailabilityConfOP"/>
123         <wsdl:output message="obp:ConsumeAvailabilityConfOPResponse"
124             wsaw:Action=
125             "https://obp.neso.energy/ConsumeAvailabilityConfirmation/ConsumeAvailabilityCo
126             nfPT/ConsumeAvailabilityConfOPResponse"/>
127     </wsdl:operation>
128 </wsdl:portType>
129 <wsdl:binding name="V4_ConsumeAvailabilityConfPSSoap11Binding"
130     type="obp:V4_ConsumeAvailabilityConfPSPortType">
131     <soap:binding transport="http://schemas.xmlsoap.org/soap/http" style="document"/>
132     <wsdl:operation name="ConsumeAvailabilityConfOP">
133         <soap:operation soapAction="ConsumeAvailabilityConfOP" style="document"/>
134         <wsdl:input>
135             <soap:body use="literal"/>
136         </wsdl:input>
137         <wsdl:output>
138             <soap:body use="literal"/>
139         </wsdl:output>
140     </wsdl:operation>

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136 </wsdl:binding>
137 <wsdl:binding name="V4_ConsumeAvailabilityConfPSSoap12Binding"
138     type="obp:V4_ConsumeAvailabilityConfPSPortType">
139     <soap12:binding transport="http://schemas.xmlsoap.org/soap/http" style="document"
140     />
141     <wsdl:operation name="ConsumeAvailabilityConfOP">
142         <soap12:operation soapAction="ConsumeAvailabilityConfOP" style="document"/>
143         <wsdl:input>
144             <soap12:body use="literal"/>
145         </wsdl:input>
146         <wsdl:output>
147             <soap12:body use="literal"/>
148         </wsdl:output>
149     </wsdl:operation>
150 </wsdl:binding>
151 <wsdl:binding name="V4_ConsumeAvailabilityConfPSHttpBinding"
152     type="obp:V4_ConsumeAvailabilityConfPSPortType">
153     <http:binding verb="POST"/>
154     <wsdl:operation name="ConsumeAvailabilityConfOP">
155         <http:operation location="ConsumeAvailabilityConfOP"/>
156         <wsdl:input>
157             <mime:content type="text/xml" part="parameters"/>
158         </wsdl:input>
159         <wsdl:output>
160             <mime:content type="text/xml" part="parameters"/>
161         </wsdl:output>
162     </wsdl:operation>
163 </wsdl:binding>
164 <wsdl:service name="V4_ConsumeAvailabilityConfPS">
165     <wsdl:port name="V4_ConsumeAvailabilityConfPSHttpSoap11Endpoint"
166         binding="obp:V4_ConsumeAvailabilityConfPSSoap11Binding">
167         <soap:address
168             location=
169             "https://some.service.provider.com/services/V4_ConsumeAvailabilityConfPS.V4_ConsumeAvailabilityConfPSHttpSoap11Endpoint"/>
170     </wsdl:port>
171     <wsdl:port name="V4_ConsumeAvailabilityConfPSHttpSoap12Endpoint"
172         binding="obp:V4_ConsumeAvailabilityConfPSSoap12Binding">
173         <soap12:address
174             location=
175             "https://some.service.provider.com/services/V4_ConsumeAvailabilityConfPS.V4_ConsumeAvailabilityConfPSHttpSoap12Endpoint"/>
176     </wsdl:port>
177     <wsdl:port name="V4_ConsumeAvailabilityConfPSHttpEndpoint"
178         binding="obp:V4_ConsumeAvailabilityConfPSHttpBinding">
179         <http:address
180             location=
181             "https://some.service.provider.com/services/V4_ConsumeAvailabilityConfPS.V4_ConsumeAvailabilityConfPSHttpEndpoint"/>
182     </wsdl:port>
183     <wsdl:port name="V4_ConsumeAvailabilityConfPSHttpEndpoint"
184         binding="obp:V4_ConsumeAvailabilityConfPSHttpBinding">
185         <http:address
186             location=
187             "https://some.service.provider.com/services/V4_ConsumeAvailabilityConfPS.V4_ConsumeAvailabilityConfPSHttpEndpoint"/>
188     </wsdl:port>
189     <wsdl:port name="V4_ConsumeAvailabilityConfPSHttpEndpoint"
190         binding="obp:V4_ConsumeAvailabilityConfPSHttpBinding">
191         <http:address
192             location=
193             "https://some.service.provider.com/services/V4_ConsumeAvailabilityConfPS.V4_ConsumeAvailabilityConfPSHttpEndpoint"/>
194     </wsdl:port>
195 </wsdl:service>

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195 </wsdl:definitions>