[Total Ancillary Service Offers](https://wiki.ercot.com/display/EBIA/Total%2BAncillary%2BService%2BOffers)

NP4-179-CD Total Ancillary Service Offers (Report Type ID 12327)

PR325-01 FFR Changes: Modification of report columns and XSD changes

* Report Changes:
	+ Removal of column “RRS”
	+ Addition of subtype columns “RRSPFR”, “RRSFFR”, and “RRSUFR”
* XSD addition of element name “RRS\_FFR”
	+ Removal of <xs:element name= “RRS”
	+ Addition of subtypes <xs:element name= “RRSPFR”, “RRSFFR”, and “RRSUFR”

<xs:element name="TotalASOffers">

 <xs:annotation>

 <xs:documentation>NP4-179: TotalASOffers</xs:documentation>

 </xs:annotation>

 <xs:complexType>

 <xs:sequence>

 <xs:element name="TotalASOffer" minOccurs="0" maxOccurs="unbounded">

 <xs:complexType>

 <xs:sequence>

 <xs:element ref="DeliveryDate"/>

 <xs:element ref="HourEnding"/>

 <xs:element name="REGDN" type="xs:decimal" nillable="false" minOccurs="0"/>

 <xs:element name="REGUP" type="xs:decimal" nillable="false" minOccurs="0"/>

 <xs:element name="RRSPFR" type="xs:decimal" nillable="false" minOccurs="0"/>

 <xs:element name="RRSFFR" type="xs:decimal" nillable="false" minOccurs="0"/>

 <xs:element name="RRSUFR" type="xs:decimal" nillable="false" minOccurs="0"/>

 <xs:element name="NSPIN" type="xs:decimal" nillable="false" minOccurs="0"/>

 <xs:element name="ONNS" type="xs:decimal" nillable="false" minOccurs="0"/>

 <xs:element name="OFFNS" type="xs:decimal" nillable="false" minOccurs="0"/>

 <xs:element ref="DSTFlag"/>

 </xs:sequence>

 </xs:complexType>

 </xs:element>

 </xs:sequence>

 </xs:complexType>

 </xs:element>

# [Total Ancillary Service Procured in SASM](https://wiki.ercot.com/display/EBIA/Total%2BAncillary%2BService%2BProcured%2Bin%2BSASM)

NP6-655-CD Total Ancillary Service Procured in SASM (Report Type ID 12343)

PR325-01 FFR Changes: Report Filter Update and XSD changes

* XSD change to remove <xs:simpleType> tag values of “REGUP”, “”RRS”, REGDN”, “ONNS” and “OFFNS” from <xs:element name="ASType"

<xs:element name="TotASProcureds">

 <xs:annotation>

 <xs:documentation>NP6-655: TotASProcureds</xs:documentation>

 </xs:annotation>

 <xs:complexType>

 <xs:sequence>

 <xs:element name="TotASProcured" minOccurs="0" maxOccurs="unbounded">

 <xs:complexType>

 <xs:sequence>

 <xs:element name="DeliveryDate"/>

 <xs:element ref="HourEnding"/>

 <xs:element name="SASMID" type="xs:string" nillable="false" minOccurs="0"/>

 <xs:element name="ASType" minOccurs="0"/>

 <xs:element name="QTYProcured" type="xs:float" nillable="false" minOccurs="0"/>

 <xs:element ref="DSTFlag"/>

 </xs:sequence>

 </xs:complexType>

 </xs:element>

 </xs:sequence>

 </xs:complexType>

 </xs:element>

# [SASM Aggregated Ancillary Service Offer Curve](https://wiki.ercot.com/display/EBIA/SASM%2BAggregated%2BAncillary%2BService%2BOffer%2BCurve)

NP6-913-CD SASM Aggregated Ancillary Service Offer Curve (Report Type ID 12350)

PR325-01 FFR Changes: Report Filter Update and XSD changes

* XSD change to remove <xs:simpleType> tag values of “REGUP”, “”RRSGN”, “RRSNC”, “RRSLD”, REGDN”, “NSPIN”, “ONNS” and “OFFNS” from <xs:element name="AncillaryType"

<xs:element name="SASMASAGGOFFERS">

 <xs:annotation>

 <xs:documentation>NP6-913: SASMASAGGOFFERS</xs:documentation>

 </xs:annotation>

 <xs:complexType>

 <xs:sequence>

 <xs:element name="SASMASAGGOFFER" minOccurs="0" maxOccurs="unbounded">

 <xs:complexType>

 <xs:sequence>

 <xs:element name="DeliveryDate"/>

 <xs:element ref="HourEnding"/>

 <xs:element name="SASMID" type="xs:string" nillable="false" minOccurs="0"/>

 <xs:element name="AncillaryType" minOccurs="0"/>

 <xs:element name="Price" type="xs:decimal" nillable="0" minOccurs="0"/>

 <xs:element name="Quantity" type="xs:decimal" nillable="0" minOccurs="0"/>

 <xs:element ref="DSTFlag"/>

 </xs:sequence>

 </xs:complexType>

 </xs:element>

 </xs:sequence>

 </xs:complexType>

 </xs:element>

# [Aggregated Ancillary Service Offer Curve](https://wiki.ercot.com/display/EBIA/Aggregated%2BAncillary%2BService%2BOffer%2BCurve)

NP4-19-CD Aggregated Ancillary Service Offer Curve (Report Type ID 12330)

PR325-01 FFR Changes: Report Filter Update and XSD changes

* XSD change to remove enumeration values “RRSGN”, “RRSNC” and “RRSLD”
* XSD change to add enumeration values “RRSPF”, “RRSUF” and “RRSFF”

<xs:element name="DAMASAGGOFFERS">

 <xs:annotation>

 <xs:documentation>NP4-19: DAMASAGGOFFERS</xs:documentation>

 </xs:annotation>

 <xs:complexType>

 <xs:sequence>

 <xs:element name="DAMASAGGOFFER" minOccurs="0" maxOccurs="unbounded">

 <xs:complexType>

 <xs:sequence>

 <xs:element ref="DeliveryDate"/>

 <xs:element ref="HourEnding"/>

 <xs:element name="AncillaryType" minOccurs="0">

 <xs:simpleType>

 <xs:restriction base="xs:string">

 <xs:enumeration value="REGUP"/>

 <xs:enumeration value="RRSPF"/>

 <xs:enumeration value="RRSUF"/>

 <xs:enumeration value="RRSFF"/>

 <xs:enumeration value="REGDN"/>

 <xs:enumeration value="ONNS"/>

 <xs:enumeration value="OFFNS"/>

 </xs:restriction>

 </xs:simpleType>

 </xs:element>

 <xs:element name="Price" type="xs:decimal" nillable="false" minOccurs="0"/>

 <xs:element name="Quantity" type="xs:decimal" nillable="false" minOccurs="0"/>

 <xs:element ref="DSTFlag"/>

 </xs:sequence>

 </xs:complexType>

 </xs:element>

# [QSE Ancillary Services Capacity Monitor](https://wiki.ercot.com/display/EBIA/QSE%2BAncillary%2BServices%2BCapacity%2BMonitor)

NP8-143-CD QSE Ancillary Services Capacity Monitor (Report Type ID 11025)

PR325-01 FFR Changes: Addition of report column and XSD changes

* Report addition of RRS subtype column “RRS\_FFR”
* XSD addition of element name “RRS\_FFR”

<xs:element name="ASCapacityMonitors">

 <xs:annotation>

 <xs:documentation>NP8-143: AncillaryServicesCapacityMonitor</xs:documentation>

 </xs:annotation>

 <xs:complexType>

 <xs:sequence>

 <xs:element name="ASCapacityMonitor" minOccurs="0" maxOccurs="unbounded">

 <xs:complexType>

 <xs:sequence>

 <xs:element name="DATE\_TIME" type="xs:string"/>

 <xs:element name="DATE\_TIME\_DST" type="xs:string"/>

 <xs:element name="QSE\_ID" type="xs:string"/>

 <xs:element name="QSE\_DUNS" type="xs:positiveInteger"/>

 <xs:element name="QSE\_TEID" type="xs:decimal"/>

 <xs:element name="RRS\_GEN\_RES" type="xs:decimal" minOccurs="0"/>

 <xs:element name="RRS\_LOAD\_RES\_WO\_CLR" type="xs:decimal" minOccurs="0"/>

 <xs:element name="RRS\_CLR" type="xs:decimal" minOccurs="0"/>

 <xs:element name="RRS\_FFR" type="xs:decimal" minOccurs="0"/>

 <xs:element name="RRS\_SUM\_RES\_RESPONSIBILITY" type="xs:decimal" minOccurs="0"/>

 <xs:element name="RRS\_QSE\_RESPONSIBILITY" type="xs:decimal" minOccurs="0"/>

 <xs:element name="RRS\_RESPONSIBILITY\_MET" type="xs:string" minOccurs="0"/>

 <xs:element name="NSRS\_ONLINE\_GEN\_RES\_W\_EOC" type="xs:decimal" minOccurs="0"/>

 <xs:element name="NSRS\_ONLINE\_GEN\_RES\_W\_OS" type="xs:decimal" minOccurs="0"/>

 <xs:element name="NSRS\_OFFLINE\_GEN\_RES" type="xs:decimal" minOccurs="0"/>

 <xs:element name="NSRS\_UNDEPLOYED\_LOAD\_RES" type="xs:decimal" minOccurs="0"/>

 <xs:element name="NSRS\_SUM\_RES\_RESPONSIBILITY" type="xs:decimal" minOccurs="0"/>

 <xs:element name="NSRS\_QSE\_RESPONSIBILITY" type="xs:decimal" minOccurs="0"/>

 <xs:element name="NSRS\_RESPONSIBILITY\_MET" type="xs:string" minOccurs="0"/>

 <xs:element name="UNDEPLOYED\_REG\_UP" type="xs:decimal" minOccurs="0"/>

 <xs:element name="REG\_UP\_SUM\_RES\_RESPONSIBILITY" type="xs:decimal" minOccurs="0"/>

 <xs:element name="REG\_UP\_QSE\_RESPONSIBILITY" type="xs:decimal" minOccurs="0"/>

 <xs:element name="REG\_UP\_RESPONSIBILITY\_MET" type="xs:string" minOccurs="0"/>

 <xs:element name="UNDEPLOYED\_REG\_DOWN" type="xs:decimal" minOccurs="0"/>

 <xs:element name="REG\_DOWN\_SUM\_RES\_RESPONSIBILITY" type="xs:decimal" minOccurs="0"/>

 <xs:element name="REG\_DOWN\_QSE\_RESPONSIBILITY" type="xs:decimal" minOccurs="0"/>

 <xs:element name="REG\_DOWN\_RESPONSIBILITY\_MET" type="xs:string" minOccurs="0"/>

 <xs:element name="CAP\_CLR\_INCREASE\_BP\_Energy\_Consumption" type="xs:decimal" minOccurs="0"/>

 <xs:element name="CAP\_CLR\_DECREASE\_BP\_Energy\_Consumption" type="xs:decimal" minOccurs="0"/>

 <xs:element name="CAP\_W\_EO\_INCREASE\_BP" type="xs:decimal" minOccurs="0"/>

 <xs:element name="CAP\_W\_EO\_DECREASE\_BP" type="xs:decimal" minOccurs="0"/>

 <xs:element name="CAP\_WO\_EO\_INCREASE\_BP" type="xs:decimal" minOccurs="0"/>

 <xs:element name="CAP\_WO\_EO\_DECREASE\_BP" type="xs:decimal" minOccurs="0"/>

 <xs:element name="PRC\_QSE" type="xs:decimal" minOccurs="0"/>

 </xs:sequence>

 </xs:complexType>

 </xs:element>

 </xs:sequence>

 </xs:complexType>

 </xs:element>