Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
D.3.9	Refer to the "Filing Types" Tab For requirements of the manipulation of the Filing Types.	NA	NA	NA	NA	NA	NA		NA	N/A
D.3.9.1	For a filing with Filing.FilingType=New, all Contracts, Transactions and ContractProducts must also have FilingType=New.	Yes	Yes	Yes	Yes	Yes	Yes	Filing rejected due to filing type inconsistency. For a filing with FilingType=New, all Contracts Data rows, Transactions Data rows and ContractProducts must also have FilingType=New. For more information on filing types or ContractProducts, please see the User's Guide.	Error	Data Check
D.3.9.2	For a filing with Filing.FilingType=Replace, all Contracts, Transactions and ContractProducts must have FilingType=New.	Yes	Yes	Yes	Yes	Yes	Yes	Filing rejected due to filing type inconsistency. For a filing with FilingType=Replace, all Contracts Data, Transactions Data and ContractProducts must have FilingType=New. For more information on filing types or ContractProducts, please see the User's Guide.	Error	Data Check
D.3.9.3	For a filing with Filing.FilingType=Delete, Contracts, Transactions and ContractProducts are not allowed.	Yes	Yes	Yes	Yes	Yes	Yes	Filing rejected due to filing type inconsistency. For a filing with FilingType=Delete, Contracts Data, Transactions Data and ContractProducts are not allowed. For more information on filing types or ContractProducts, please see the User's Guide.	Error	Data Check
D.3.9.4	For a filing with Filing.FilingType=Merge, Contracts can be of any type.	No check	No check	No check	No check	No check	No check		No Check	Data Check
D.3.9.5	For a Contract Data file with Contract.FilingType=NoAction, the Transactions Data and Contract Products can have any type.	No check	No check	No check	No check	No check	No check		No Check	Data Check
D.3.9.6	For a Contract Data file with Contract.FilingType=New, all Transactions Data and ContractProducts must also have FilingType=New.	Yes	Yes	Yes	Yes	Yes	Yes	Filing rejected due to filing type inconsistency. For a Contract Data file with FilingType=New all Transactions Data and ContractProducts must also have FilingType=New. For more information on filing types or ContractProducts, please see the User's Guide.	Error	Data Check
D.3.9.7	For a Contract with Contract.FilingType=Replace, the Transactions and ContractProducts can have any type.	No check	No check	No check	No check	No check	No check		No Check	Data Check
D.3.9.8	For a Contract with Contract.FilingType=Delete, Transactions and ContractProducts are not allowed.	Yes	Yes	Yes	Yes	Yes	Yes	Filing rejected due to a filing type inconsistency. For a Contract Data file with FilingType=Delete, Transactions Data and ContractProducts are not allowed. For more information on filing types or ContractProducts, please see the User's Guide.	Error	Data Check
D.3.9.9	Disallow XML delete option for external users	NA	NA	NA	NA	Yes	Yes	At the Filing level, XML delete is used for internal purposes only and cannot be used with external requests. However, Contract, ContractProduct and Transaction level deletes are allowed for external users.	Error	FERC Data Check
D.3.9.12	The order of organizations in XML must be sequential	NA	NA	NA	NA	Yes	Yes	The organizations should be listed sequentially as 1,2,3,4,5,6,…	Warning	FERC Data Check
F.16.1	The validations which result in a type: "Error" will result in a rejected Submission.	Yes	Yes	Yes	Yes	Yes	Yes	Filing rejected.	Error	Data Check
F.16.2	The validations which result in a type: "Warning" will not be cause for a rejected submission.	Yes	Yes	Yes	Yes	Yes	Yes	Filing accepted but warnings seen.	Warning	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.16.3	A filing must have at least two rows of contact data in the ID Data. A filing that is submitted without at least two ID Data (Fields 1-14) rows populated - one with Filer Unique Identifier for a Seller (indicated by FS# in Field 1) and another with Filer Unique Identifier for agent (indicated by FA# in Field 1) - shall be rejected	Yes	Yes	Yes	Yes	Yes	Yes	A valid filing must have at least two rows of contact data in the ID Data: one with Filer Unique Identifier for a Seller (indicated by FS# in Field 1) and another with Filer Unique Identifier for agent (indicated by FA#1 in Field 1)	Error	Data Check
F.16.3.1	The Company Name (Field 2) shall be checked against the FERC Company Registration system.	No	No	No	No	Yes	Yes	The Company Name (Field 2) must match the corresponding name for the same CID in Company Registration.	Error	FERC Data Check
F.16.3.2	The Seller Company Name (Field 16) shall be checked against the FERC Company Registration system.	No	No	No	No	Yes	Yes	The Seller Company Name (Field 16) must match the corresponding name for the same CID in Company Registration.	Error	FERC Data Check
F.16.3.4	The Organization Company Name (Field 2) for the seller contact row (i.e., FS# in Field 1) shall be checked against the name that was effective for the same CID in Company Registration at the end of the associated Filing Period.	No	No	No	No	Yes	Yes	The Company Name (Field 2) for the seller contact row (i.e., FS# in Field 1) must match the corresponding name that was effective for the same CID in Company Registration at the end of the associated Filing Period.	Error	FERC Data Check
F.16.3.5	The Seller Company Name (Field 16) shall be checked against the FERC Company Registration system history. The Contract Seller Company Name (Field 16) must be a name that that was effective for the same CID in Company Registration for all or part of the associated Filing Quarter.	No	No	No	No	Yes	Yes	The Seller Company Name (Field 16) must match a name that was effective for the same CID in Company Registration for all or part of the associated Filing Quarter.	Error	FERC Data Check
F.16.4.1	The system shall check for the existence of duplicate ID Data (Fields 1-14).	Yes	Yes	Yes	Yes	Yes	Yes	No Filer record found while checking for duplicates.	Error	Data Check
F.16.4.2	The system shall check for the existence of duplicate Filer Unique Identifiers (Field 1).	Yes	Yes	Yes	Yes	Yes	Yes	Duplicate Filer records found using the same filer unique identifier in field 1.	Error	Data Check
F.16.5	The system shall check for the existence of duplicate Sellers.	Yes	Yes	Yes	Yes	Yes	Yes	Duplicate Seller records found grouped by Filer Unique Identifier for a Seller.	Error	Data Check
F.16.6	The system shall check for the existence of duplicate Sellers.	Yes	Yes	Yes	Yes	Yes	Yes	Duplicate Seller records found. A valid filing should not include duplicate rows of ID Data. Please check that each contact has a Filer Unique Identifier for a Seller (indicated by FS# in Field 1).	Error	Data Check
F.16.7	The system shall not check for duplicate contacts. There is no certain way of verifying duplicate contacts; contacts are not eRegistered and two people can have the same name and work at the same employer.	No check	No check	No check	No check	No check	No check		No Check	Data Check
F.16.8	The system shall check the validity of all email addresses with email Regex.	Yes	Yes	Yes	Yes	Yes	Yes	Invalid email address found in the contact record {0}.	Error	XSD
F.16.10	A filing shall contain zero or more Contracts.	No check	No check	No check	No check	No check	No check		No Check	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.16.11	A Contract shall contain required contract data (Fields 15-44): otherwise, the system will not validate the filing if required fields are not included in the filing.	Yes	Yes	Yes	Yes	Yes	Yes	A Contract Data row must contain all required Contract Data Fields (Fields 15 through 44).	Error	XSD
F.16.12.1	A filing shall contain only one ID Data contact record with Filer Unique ID FA1.	Yes	No	No	No	No	No	The ID Data does not contain a contact with a Filer Unique ID (Field 1) as indicated by FA1.	Warning	XSD
F.16.12.2	A filing shall contain only one ID Data contact record with Filer Unique ID FA1.	No	Yes	Yes	Yes	Yes	Yes	The ID Data does not contain a contact with a Filer Unique ID (Field 1) as indicated by FA1.	Error	XSD
F.16.13	ID Data (Fields 1-14) shall be checked for completeness.	Yes	Yes	Yes	Yes	Yes	Yes	ID Data is incomplete Fields 1 through 14 are all required Fields.	Error	XSD
F.16.13.1	The Contact Name (Field 4) for the designated Agent contact records shall be checked against eRegistration.	No	No	No	No	Yes	Yes	The Contact Name (Field 4) for the designated Agent does not match the corresponding eRegistration record.	Error	FERC Data Check
F.16.14.1	A filing shall contain one Seller as indicated by FS#.	Yes	Yes	Yes	Yes	Yes	Yes	A filing must contain one Seller record as indicated by FS#.	Error	XSD
F.16.14.2	A Seller shall contain one Contact included in the EQR: Otherwise, the system shall not validate the filing if no Contact or more than one Contact is included in the filing.	Yes	Yes	Yes	Yes	Yes	Yes	A seller contact is missing in a Seller record. Must have one seller contact.	Error	XSD
F.16.14.4	A Seller shall contain one or more eRegistered Contact Persons included in the EQR.	Yes	Yes	Yes	Yes	Yes	Yes	A Seller must contain at least one eRegistered contact.	Error	Data Check
F.16.14.5	The Contact Name (Field 4) for the Seller contact shall be checked against eRegistration.	No	No	No	No	Yes	Yes	The Contact Name (Field 4) for the Seller Contact does not match the corresponding eRegistration record.	Error	FERC Data Check
F.16.15	The seller contact records shall be checked for completeness.	Yes	Yes	Yes	Yes	Yes	Yes	Incomplete seller contact record {0}.	Error	XSD
F.16.16.3	ID Data (Fields 1-14) shall contain one or more eRegistered Contact Persons included in the EQR.	Yes	Yes	Yes	Yes	Yes	Yes	ID Data (Fields 1-14) must contain at least one eRegistered contact.	Error	Data Check
F.16.17	A contact person is not required for a buyer; however if it is provided, it must be valid.	No check	No check	No check	No check	XML Only	XML Only	Please verify the Customer contact information, if provided, in the XML.	XSD	XSD
F.16.18	If the FilingType of the Filing is "New" then all elements listed in the filing should also be "New". If the FilingType is New but some contents are "Replace", "Cancel", or "Merge", the entire filing should be rejected.	Yes	Yes	Yes	Yes	Yes	Yes	A filing of type "New" must contain only elements of type "New". For more information on filing types, please see the latest version of the EQR Users Guide.	Error	XSD
F.16.19	If the FilingType of the Filing is "Replace" then all elements listed in the filing should also be "New". If the FilingType is "Replace" but some contents are "Replace", "Cancel", or "Merge", the entire filing should be rejected.	Yes	Yes	Yes	Yes	Yes	Yes	A filing of type "Replace" must contain only elements of type "New" For more information on filing types; please see the latest version of the EQR Users Guide.	Error	XSD
F.16.20.1	If the FilingType of the Filing is "Delete" there should be no new contract or transaction data. Only the Seller and Filer Organizations should be listed in the file.	Yes	Yes	Yes	Yes	Yes	Yes	A filing of type "Delete" must not contain any contract or transaction data. For more information on filing types please see the latest version of the EQR Users Guide	Error	XSD

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.16.20.2	If the FilingType of the Filing is "Delete" there should be at least one organization that acts as a Filer and as a Seller (or two organizations, one as Filer and the second as Seller).	Yes	Yes	Yes	Yes	Yes	Yes	A filing of type "Delete" requires at least one organization that acts as a Filer and as a Seller. The current filing contains no Organizations	Error	
F.16.20.3	If the FilingType of the Filing is "Delete", there should be no more than two organizations.	Yes	Yes	Yes	Yes	Yes	Yes	A filing of type "Delete" cannot have more than two Organizations in it.	Error	
F.16.20.4	If the FilingType of the Filing is "Delete", there should be no new contract or transaction data. Only the Seller and Filer Organizations should be listed in the file.	Yes	Yes	Yes	Yes	Yes	Yes	A filing of type "Delete" requires roles for Filer and Seller. The filing can contain exactly one Organization playing both roles, or exactly two Organizations, each playing one of the roles.	Error	
F.16.21	The roles of a contact listed in an organization must correspond with the roles of the organization as reported in eRegistration.	Yes	Yes	Yes	Yes	Yes	Yes	The role(s) of a contact person must match the role(s) of the Company	Error	Data Check
F.16.23.1	A filing must contain Companies playing a minimum of two roles, Seller and FilerAgent.	No	No	No	No	Yes	Yes	A filing must have Companies playing a minimum of two roles, Seller and Agent. The current filing contains no organizations.	Error	Data Check
F.16.23.2	If an Organization is a Seller or FilerAgent, it must have a CID for the filing period. This is for filings dated after release of EQR 2013.	No	No	No	No	Yes	Yes	CIDs are required for Sellers, and Filers.	Error	Data Check
F.16.25	No duplicate Uids across a filing for Organizations, Contacts, Contracts, required contract data and Transactions.	XSD	XSD	XSD	XSD	XSD	XSD	Please ensure that all unique identifiers in Filer Unique Identifier (Field 1), Contract Unique Identifier (Field 15), and Transaction Unique Identifier (Field 45) are in fact unique and are not duplicated.	XSD	XSD
F.16.26	CIDs must be valid and active for the filing period, for Sellers, and FilerAgents.	No	No	No	No	No	No	CID/DID (Company Identifier and Designated Identifier) will be checked to insure it is active and valid.	Error	Data Check
F.16.27.1	If the Organization.TransactionsReported ToIndexPricePublisher property is true, then there must be at least one Index Publisher listed.	No	No	No	No	Yes	Yes	Data missing - The Seller's TransactionsReportedToI ndexPrice Publisher property is set to Yes, but there is no Index Publisher (Field 73) reported. If Field 13 is Y or Yes then 73 must be completed.	Error	Data Check
F.16.27.2	If for an organization, Organization.TransactionsReported ToIndexPricePublisher property is true, then the organization must be a Seller.	No	No	No	No	Yes	Yes	Only Sellers (indicated by FS# in Field 1) should report to Price Publishers. Designated Agents (indicated by FA1 in Field 1) should not be reporting.	Error	Data Check
F.16.27.3	If the Organization has Index Publisher(s) then the organization must be a Seller.	No	No	No	No	Yes	Yes	Only Sellers (indicated by FS# in Field 1) should report to Price Publishers Designated Agents (indicated by FA1 in Field 1) should not be reporting.	Error	Data Check
F.16.27.4	If there are one or more Index Publishers (Field 73) listed in Field 73, then the Seller's TransactionsReportedToIndexPricePubli sher property must be true (Field 13) for the Seller.	No	No	No	No	Yes	Yes	At Least one Index Publisher was listed in your filing; TransactionsReportedToI ndexPricePublisher (Field 13)property must be true (Y) (Field 13) Validate Transaction Filings>=Q3 2013 (Field 13)	Error	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.16.27.5	If a filing is followed by one or more append filings, the appended data must have the same index publishers as the original filing. Alternatively, the appended data can be submitted with no index publisher information to skip checking.	No	No	No	No	Yes	Yes	The index publishers do not match the index publishers submitted previously for the same quarter.	Error	FERC Data Check
F.16.28	For each Index Publisher listed there must be information on the Transactions Reported by the Index publisher. Error message is "Error: The TransactionReported field of the Index Publisher is required."	No	No	No	No	Yes	Yes	The Index Reporting Data Transactions Reported (Field 74) is required.	Error	FERC Data Check
F.17.1	Contract (Product) data validation Check: If Product Name is Energy or Booked Out Power, Rate Units cannot be $/MW or $/KW. This will be considered a critical error starting with 2005/Q1 data, but only a 'warning' (informational message) for earlier period.									Data Check
F.17.1.1	Contract (Product) data validation Check: If Product Name is Energy or Booked Out Power, Rate Units cannot be $/MW or $/KW. This will be considered a 'warning' (informational message) before 2005/Q1.	Yes	Yes	No	No	No	No	If Product Name (Field 30) is Energy or Booked Out Power, Rate Units cannot be $/MW or $/KW.	Warning	Data Check
F.17.1.2	Contract (Product) data validation Check: If Product Name is Energy, Rate Units cannot be $/MW or $/KW. This will be considered a critical error starting with 2005/Q1 data.	No	No	Yes	Yes	Yes	Yes	If Product Name (Field 30) is Energy, Rate Units cannot be $/MW or $/KW.	Error	Data Check
F.17.2.1	Transaction data validation check: If Product Name is Energy or Booked Out Power, Rate Units cannot be $/MW or $/KW. This will be considered a 'warning' (informational message) before 2005/Q1.	Yes	Yes	No	No	No	No	If Product Name (Field 63) is Energy or Booked Out Power, Rate Units (Field 66) cannot be $/MW or $/KW.	Warning	Data Check
F.17.2.2	Transaction data validation check: If Product Name is Energy or Booked Out Power, Rate Units cannot be $/MW or $/KW. This will be considered a critical error starting with 2005/Q1 data.	No	No	Yes	Yes	Yes	Yes	If Product Name (Field 63) is Energy or Booked Out Power, Rate Units (Field 66) cannot be $/MW or $/KW.	Error	Data Check
F.17.3.1	Contract (Product) data validation check: If Product Name is Capacity, Rate Units cannot be $/MWH or $/KWH. This will be considered a 'warning' (informational message) before 2005/Q1.	Yes	Yes	No	No	No	No	If Product Name (Field 30) is Capacity, Rate Units (Field 38) cannot be $/MWH or $/KWH.	Warning	Data Check
F.17.3.2	Contract (Product) data validation check: If Product Name is Capacity, Rate Units cannot be $/MWH or $/KWH. This will be considered a critical error starting with 2005/Q1 data.	No	No	Yes	Yes	Yes	Yes	If Product Name (Field 30) is Capacity, Rate Units (Field 38) cannot be $/MWH or $/KWH.	Error	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.17.4.1	Transaction data validation check: If Product Name is Capacity, Rate Units cannot be $/MWH or $/KWH. This will be considered a 'warning' (informational message) before 2005Q1.	Yes	Yes	No	No	No	No	If Product Name (Field 63) is Capacity, Rate Units (Field 66) cannot be $/MWH or $/KWH.	Warning	Data Check
F.17.4.2	Transaction data validation check: If Product Name is Capacity, Rate Units cannot be $/MWH or $/KWH. This will be considered a critical error starting with 2005/Q1 data.	No	No	Yes	Yes	Yes	Yes	If Product Name (Field63) is Capacity, Rate Units (Field 66) cannot be $/MWH or $/KWH.	Error	Data Check
F.17.5	Only Agent contacts listed are allowed to submit files. If the submitter is not listed in the file as an Assigned Agent, the file should be rejected.	Yes	Yes	Yes	Yes	Yes	Yes	Only eRegistered and designated contacts are allowed to submit files. -- Contact persons attempting to submit EQR filings must have an active FERC ID and be a designated contact of the Seller Company. Your FERC ID was emailed to you when registering through eRegistration.	Error	Data Check
F.17.8.1	Transaction data validation check: If Rate Units (Field 66) is $/MWH and price is over $1,000.00 or under $1,000." Validation text should state: "Warning: The Price (Field 65) you have entered for Transaction # exceeds $1,000.00/MWH" This check is only a 'warning' (informational) for all periods of data.	Yes	Yes	Yes	Yes	Yes	Yes	The Price (Field 65) exceeds $1,000.00/MWH.	Warning	Data Check
F.17.8.2	"Transaction data validation check: If Rate Units is $/KWH, and price is over $1.00 or under -$1.00."	Yes	Yes	Yes	Yes	Yes	Yes	The Price (Field 65) exceeds $1,000.00/MWH.	Warning	Data Check
F.17.8.3	"Transaction data validation check: If Rate Units is cents/KWH, and price is over 100 cents or under -100 cents." Validation text should state: "Warning: The Price you have entered for Transaction #nn is equivalent to over $1,000.00/MWH."	Yes	Yes	Yes	Yes	Yes	Yes	The Price (Field 65) exceeds$1,000.00/MWH.	Warning	Data Check
F.18.1.1	The filing range shall be from 2002 to present - Check on start date is not earlier than 2002.	Yes	Yes	Yes	Yes	Yes	Yes	The Filing Quarter (Field 14) cannot be before 2002.	Error	Data Check
F.18.1.2	The filing range shall be up to present - Check filing date is not beyond present day.	Yes	Yes	Yes	Yes	Yes	Yes	The Filing Quarter (Field 14) cannot be in the future.	Error	Data Check
F.18.2	Submission validation check: The system shall not allow data to be filed for a period prior to the end of that period (e.g. 2004/Q4 cannot be submitted to FERC prior to Jan 1, 2005).	Yes	Yes	Yes	Yes	Yes	Yes	A Filing cannot be submitted prior to the end of the filing period.	Error	Data Check
F.19.1.1	The system shall validate zip codes, with sensitivity to the country where the zip code is based. Check missing zip.	Yes	Yes	Yes	Yes	Yes	Yes	Contact Zip codes must be present in the address (Field 9).	Error	XSD

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.19.1.2	The system shall validate zip codes, with sensitivity to the country where the zip code is based. Regex check on US contact address zip code.	Yes	Yes	Yes	Yes	Yes	Yes	Invalid US zip code (Field 9)	Error	XSD
F.19.1.3	The system shall validate state code length for US two letter state codes.	Yes	Yes	Yes	Yes	Yes	Yes	Invalid state code in Contact State (Field 8). State codes must have exactly two characters.	Error	XSD
F.19.1.4	The system shall validate zip codes, with sensitivity to the country where the zip code is based. Regex check- Mexico contact address zip code.	Yes	Yes	Yes	Yes	Yes	Yes	Invalid Mexico zip code (Field 9)	Error	XSD
F.19.1.5	The system shall validate zip codes, with sensitivity to the country where the zip code is based. Regex check on Great Britain contact address zip code.	Yes	Yes	Yes	Yes	Yes	Yes	Invalid Great Britain zip code (Field 9)	Error	XSD
F.19.1.6	The system shall validate zip codes, with sensitivity to the country where the zip code is based. Regex check on Canada contact address zip code.	Yes	Yes	Yes	Yes	Yes	Yes	Invalid Canada zip code (Field 9)	Error	XSD
F.19.1.7	The system shall validate the Address - Check that the address is not null.	Yes	Yes	Yes	Yes	Yes	Yes	The address cannot be null (Fields 6)	Error	XSD
F.20.1.1	Seller Uid is blank.	Yes	No	No	No	No	No	The Filer Unique Identifier (Field 1) must be provided	Error	N/A
F.20.2.1	The system shall permit an execution date that is empty or null for Period < Q1 2004.	Yes	No	No	No	No	No	Data missing from Contract Execution Date (Field 21) of contract terms.	Warning	Data Check
F.20.2.2	The system shall reject an execution date that is empty or null for Period >= Q1 2004.	No	Yes	Yes	Yes	Yes	Yes	Data missing from Contract Execution Date (Field 21) of contract terms.	Error	Data Check
F.20.3	If execution date <= 1/1/1900, then "Error: The Execution date needs to be after Jan 1, 1900. Date entered is {0}."	Yes	Yes	Yes	Yes	Yes	Yes	The Contract Execution Date (Field 21) must be after Jan 1, 1900	Error	Data Check
F.20.4.1	The system shall permit a contract commencement date that is empty or null.	Yes	No	No	No	No	No	Data missing from Commencement Date of Contract Terms (Field 22).	Warning	Data Check
F.20.4.2	If CommencementDate is empty or null then "Error: Data missing from commencement date of contract terms."	No	Yes	Yes	Yes	Yes	Yes	Data missing from Commencement Date of Contract Terms (Field 22).	Error	Data Check
F.20.5	If commencement date <= 1/1/1900 then "Error: The commencement date of contract terms needs to be after Jan 1, 1900. Date entered is {0}."	Yes	Yes	Yes	Yes	Yes	Yes	The Commencement Date of Contract Terms (Field 22) needs to be after Jan 1, 1900	Error	Data Check
F.20.7	If Termination Date <= 1/1/1900 then "Error: The Termination Date needs to be after Jan 1, 1900. Date entered is {0}."	Yes	Yes	Yes	Yes	Yes	Yes	The Contract Termination Date (Field 23) needs to be after Jan 1, 1900	Error	Data Check
F.20.7.1	If Termination Date is Blank or Null Warning "Contract Termination date is required if specified in the contract."	Yes	Yes	Yes	Yes	Yes	Yes	The Contract Termination Date (Field 23) is required if specified in the contract.	Warning	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.20.8	ActualEnd date should be populated only if the end of the filing period is equal to or greater than the actual termination date. If the end of period is less than ActualEnd date, then the field should be empty. "Error: The Actual termination date was provided even though the contract did not terminate during the filing period."	Yes	Yes	Yes	Yes	Yes	Yes	The Actual Termination Date (Field 24) was provided even though the contract has not yet been terminated.	Error	Data Check
F.20.9	ActualEnd <= 1/1/1900	Yes	Yes	Yes	Yes	Yes	Yes	The Actual Termination Date (Field 24) needs to be after Jan 1, 1900	Error	Data Check
F.20.11	There are multiple buyers assigned to one contract or multiple sellers assigned to one contract.	XSD	XSD	XSD	XSD	XSD	XSD		XSD	XSD
F.20.16	Please confirm that the Customer Company name entered is appropriate to a single Customer.	Yes	Yes	Yes	Yes	Yes	Yes	Please confirm that the Customer Company Name (Field 17) entered is appropriate to a single Customer.	Warning	Data Check
F.20.17.1	Customer Company Name (Field 17) > 69 chars	Yes	No	No	No	No	No	The Customer Company Name (Field 17) may have been truncated	Warning	Data Check
F.20.17.2	Customer Company Name (Field 17) > 70 characters.	No	Yes	Yes	Yes	Yes	Yes	The Customer Company Name (Field 17) may have been truncated	Warning	Data Check
F.20.18	Customer Company Name (Field 17) = Seller Company Name (Field 16).	Yes	Yes	Yes	Yes	Yes	Yes	A Customer Company Name (Field 17) is the same as the Seller Company Name (Field 16) in the Contract data.	Warning	Data Check
F.20.19	If Seller is not registered with eTariff, then "Error: An attempt was made to submit a seller with nonexistent tariff. Seller name {0}, CID {1}, Guid UID {2}, Ferc Tariff Reference {3}." Not applicable to Non-public utilities.	No	No	No	No	Yes	Yes	The Seller Company listed in Field 16 must have an active tariff for the filing period. A seller with an expired tariff was submitted.	Error	Data Check
F.20.20	If Seller is registered with eTariff but tariff expired before filing period end date, then "Warning: Contract record contains a seller with an expired tariff. Seller name {0}, CID {1}, UID {2} and Ferc Tariff Reference {3}."	No	No	No	No	Yes	Yes	The Seller Company listed in Field 16 must have an active tariff for the filing period. A seller with an expired tariff was submitted.	Warning	Data Check
F.20.21	If Seller is registered with eTariff but tariff not found, then "Error: Attempt to submit a contract record containing a seller with unrecognized or cancelled tariff. Seller name {0}, CID {1}, UID {2} and FERC Tariff Reference {3}."	No	No	No	No	Yes	Yes	The Seller Company listed in Field 16 must have an active tariff for the filing period. A seller with an unrecognized or cancelled tariff was submitted. If filing for a non-public utility, please contact ferconlinesupport@ferc.gov.	Error	Data Check
F.20.22	Please confirm that you have entered the name of the FERC Tariff (Field 19) that authorizes you to make the sale."	Yes	Yes	Yes	Yes	Yes	Yes	A FERC Tariff Reference was not detected for the Seller Company. Please confirm the name of the FERC Tariff Reference (Field 19) that authorizes you to make the sale.	Warning	Data Check
F.20.23	Duplicate Contract Unique Identifier (Field 15).	XSD	XSD	XSD	XSD	XSD	XSD	It appears that there are duplicated Contract Unique Identifiers (Field 15).	XSD	Data Check
F.21.2.1	Each contract must be linked to a valid Seller.	No	No	No	No	Yes	Yes	The Contract is linked to a Seller Company (Field 16) but the selling Company record is not correctly setup as a Seller.	Error	Data Check
F.21.2.2	Check Seller CID for validity.	No	No	No	No	Yes	Yes	The Contract is linked to a Seller Company (Field 16) but the Seller Company record contains an invalid FERC CID.	Error	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.21.3.1	Customer Company Name (Field 17) must be a valid customer.	Yes	Yes	Yes	Yes	Yes	Yes	Customer Company Name (Field 47) is not found as an acceptable buyer in your Contract data (Field 17). Please reconcile the field(s).	Error	Data Check
F.21.3.2	Customer Company Name (Field 17) is empty	Yes	Yes	Yes	Yes	Yes	Yes	The Customer Company Name (Field 17) must not be blank.	Error	Data Check
F.21.3.3	Check Buyer CID for validity.							The Contract is linked to a Customer (Buyer) Organization, but the Organization record contains an invalid Organization Number. Buyer Organization Number may be left blank or entered as the Company CID from the following list: http://www.ferc.gov/about/offices/oemr/oemr- div/alletariffentities.xls.	Error	
F.21.5	Contract Affiliate (Field 18) not Y or N.	XSD	XSD	XSD	XSD	XSD	XSD		XSD	XSD
F.21.6	If ferc_Tariff_Ref field is null or empty then "Error: Data missing from FERC Tariff Reference."	No	Yes	Yes	Yes	Yes	Yes	Data is missing from FERC Tariff Reference (Field 19).	Error	XSD
F.21.7	If ContractServiceAgreement is empty or null then "Error: Data missing from Contract Service Agreement."	No	Yes	Yes	Yes	Yes	Yes	Data missing from Contract Service Agreement ID (Field 20)	Error	XSD
F.21.12	If extension provision description is null or empty, then "Error: Data missing from Extension Provision Description."	No	Yes	Yes	Yes	Yes	Yes	Data missing from Extension Provision Description (Field 25)	Error	XSD
F.21.15	ActualEnd > End of Period	Yes	Yes	Yes	Yes	Yes	Yes	The Actual Termination Date (Field 24) reported is later than the end of the filing period. This field should be set only after the contract has been terminated.	Error	Data Check
F.21.22	Buyer name > 70 characters.	XSD	XSD	XSD	XSD	XSD	XSD		XSD	XSD
F.21.31	The Four Fields that create a distinct contract must be unique. This complex key is comprised of: Seller Company Name (Field 16), Customer Company Name (Field 17), FERC Tariff Reference (Field 19) and Contract Service Agreement ID (Field 20).	Yes	Yes	Yes	Yes	Yes	Yes	Contract records must be unique.	Error	Data Check
F.21.32	The maximum number of Contracts in a filing is 30,000, the maximum Contract Products per filing is 100,000, and the maximum Contract Products per Contract is 40,000	Yes	Yes	Yes	Yes	Yes	Yes	Contract data that exceeds 30,000 records, or Contract Products that exceed 100,000 records could delay EQR file processing. Therefore, such filings will not be accepted using normal filing procedures. Also, the maximum allowed Contract Products per Contract is 40,000. A company that expects to exceed these limits should contact eqr@ferc.gov for assistance.	Error	FERC Data Check
F.22.2.1	Allow empty or null Begin Date (Field 43)	Yes	No	No	No	Yes	Yes	Begin Date (Field 43) data contains missing values.	Warning	Data Check
F.22.2.2	Empty or null Transaction Begin Date (Field 43)	No	Yes	Yes	Yes	No	No	Data missing from Begin date (Field 43)	Error	Data Check
F.22.3	Disallow Begin Date <= Jan 1, 1900. Error message: "The Begin Date of the product needs to be after Jan 1, 1990."	Yes	Yes	Yes	Yes	Yes	Yes	The Begin date (Field 43) of the product needs to be after Jan 1, 1900	Error	Data Check
F.22.4.1	Do not allow empty or null End Date (Field 44).	Yes	No	No	No	Yes	Yes	Data missing from End date (Field 44).	Warning	Data Check
F.22.4.2	Do not allow empty or null End Date. (Field 44)	No	Yes	Yes	Yes	No	No	Data missing from End date (Field 44).	Error	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.22.5	Disallow EndDate <= Jan 1, 1900. Error message:	Yes	Yes	Yes	Yes	Yes	Yes	The End Date (Field 44) of the product needs to be after Jan 1, 1900	Error	Data Check
F.23.1	Use the following pattern for the properties below: Disallow empty or null {property name} - If {property name} is not found in the database lookup table then error out. Class Name (Field 26) Term Name (Field 27) Increment Name (Field 28) Increment Peaking Name (Field 29) ProductType Name (Field 30) ProductName (Field 31) Units (Field 33)	See Break down	See Break down	See Break down	See Break down	See Break down	See Break down		See Break down	Data Check
F.23.1.1	Use the following pattern for the properties below: Disallow empty or null {property name} - "Data missing from {property name}". Class Name	No	Yes	Yes	Yes	Yes	Yes	Data missing from Class name (Field 26)	Error	Data Check
F.23.1.2	Use the following pattern for the properties below: Disallow empty or null {property name} - "Data missing from {property name}". Term Name	No	Yes	Yes	Yes	Yes	Yes	Data missing from Term name (Field 27)	Error	Data Check
F.23.1.3	Use the following pattern for the properties below: Disallow empty or null {property name} - "Data missing from {property name}. Increment Name	No	Yes	Yes	Yes	Yes	Yes	Data missing from Increment name (Field 28)	Error	Data Check
F.23.1.4	Use the following pattern for the properties below: Disallow empty or null {property name} - "Data missing from {property name}. Increment Peak Name	No	Yes	Yes	Yes	Yes	Yes	Data missing from Increment Peaking name (Field 29)	Error	Data Check
F.23.1.5	Use the following pattern for the properties below: Disallow empty or null {property name} - "Data missing from {property name}. ProductType	No	Yes	Yes	Yes	Yes	Yes	Data missing from Product Type (Field 30)	Error	Data Check
F.23.1.6	Use the following pattern for the properties below: Disallow empty or null {property name} - "Data missing from {property name}. ProductName	No	Yes	Yes	Yes	Yes	Yes	Data missing from Product Name (Field 31)	Error	Data Check
F.23.2	Allow empty or null Units (Field 33).	XSD	XSD	XSD	XSD	XSD	XSD		XSD	XSD
F.23.3	If unit is not found in units lookup then must match data dictionary Appendix E	XSD	XSD	XSD	XSD	XSD	XSD		XSD	XSD
F.23.4	Allow empty or null rate units.	XSD	XSD	XSD	XSD	XSD	XSD		XSD	XSD
F.23.5	If rate unit is not found in the rate units lookup, then "Rate Units value {0} is not a recognized value."	XSD	XSD	XSD	XSD	XSD	XSD		XSD	XSD
F.23.6	ProductType = "CR" then the valid product names are (1)Reassignment Agreement (2)Point-To-Point Agreement.	No	Yes	Yes	Yes	Yes	Yes	The Product Name {0} (Field 31) is not valid. When Product Type Name (Field 30) is "CR" the valid product names are Reassignment Agreement or Point-To- Point Agreement.	Error	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.23.7	Allow null or empty PORBA but disallow unknown values. Error message, "Point of Receipt Balancing Authority {0} is not a recognized value."	XSD	XSD	XSD	XSD	XSD	XSD		XSD	XSD
F.23.8	If PORBA = "HUB" then allow only known values for PORSL.	No	Yes	Yes	Yes	Yes	Yes	The Contract Product Point of Receipt Specific Location (Field 40) is not valid for a Trading Hub, as indicated by the word "HUB" in Field 39.	Error	Data Check
F.23.9	Allow null or empty PODBA but disallow unknown values.	XSD	XSD	XSD	XSD	XSD	XSD		XSD	XSD
F.23.10	If PODBA = "HUB" then allow only known values for PODSL.	No	Yes	Yes	Yes	Yes	Yes	The Contract Product Point of Delivery Specific Location (Field 42) is not valid for a trading hub as indicated by the word "HUB" in Field 41.	Error	Data Check
F.23.20.1	Confirm Contract Execution Date <= Transaction Begin Date.							Contract Execution Date (Field 21) should be less than or equal to the Transaction Begin Date (Field 51).	Warning	
F.23.20.2	Confirm Contract Commencement Date <= Transaction Begin.							Contract Execution Date (Field 21) should be less than or equal to the Transaction Begin Date (Field 51).	Warning	
F.23.21.1	Confirm Contract Termination Date >= Transaction End Date							Contract Termination Date (Field 23) must be greater than or equal to the Transaction End Date (Field 52)	Warning	
F.23.21.2	Confirm Contract Actual Termination Date >= Transaction End Date							Contract Termination Date (Field 23) must be greater than or equal to the Transaction End Date (Field 52).	Warning	
F.23.22	If PODBA is anything but Hub, then you can type free text into PODSL If PODBA is Hub, then PODSL becomes a dropdown containing electric Hubs. In XML the PODSL and PODSLHub cannot be populated simultaneously.							The XML PointOfDeliverySpecificLocation and PointOfDeliverySpecificLocationHub cannot be populated simultaneously (PODSL and PODSLHub cannot be populated simultaneously).	Error	XSD
F.23.23	In XML the PODSL and PODSLHub cannot be populated simultaneously. Similarly, the PORSL and PORSLHub cannot be populated simultaneously. If PODBA is Hub, then PODSL must be an electric Hub. If PORBA is Hub, then PORSL must be an electric Hub.							If PODBA is HUB, then PODSLHub should contain a HUB from Appendix C and PODSL should be empty. If PORBA is HUB, then PORSLHub should contain a HUB from Appendix C and PORSL should be empty. The "SpecificLocation" and "SpecificLocationHub" should not be populated simultaneously.	Error	XSD
F.23.24	Verify that at least one of the four rate fields is included: Rate (Field 34), Rate Minimum (Field 35), Rate Maximum (Field 36), Rate Description (Field 37).	No	No	No	No	Yes	Yes	One of the four rate fields: Rate (Field 34), Rate Minimum (Field 35), Rate Maximum (Field 36), Rate Description (Field 37) must be included.	Error	FERC Data Check
F.24.1	Disallow empty or null Transaction Unique ID.	Yes	Yes	Yes	Yes	Yes	Yes	The user assigned Transaction Unique ID (Field 45) cannot be blank.	Error	XSD
F.24.3	Confirm EndDate > StartDate.	Yes	Yes	Yes	Yes	Yes	Yes	The Transaction End Date (Field 52) must be greater than Transaction Begin Date (Field 51)	Error	Data Check
F.24.4	Confirm EndDate <= Period End Date and EndDate is provided.	Yes	Yes	Yes	Yes	Yes	Yes	Transaction End Date (Field 52) must be less than or equal to the EQR report period End Date	Error	Data Check
F.24.5	Confirm StartDate >= Period Start Date and StartDate is not null.	Yes	Yes	Yes	Yes	Yes	Yes	Transaction Begin Date (Field 51) must be greater than or equal to the EQR report period Start Date	Error	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.24.6	Confirm that the Total Transaction Charge = (Price * Quantity) + TransmissionCharge. Also, (for Energy, Capacity, and Booked Out Power) Total Transaction Charge = (Standardized Price * Standardized Quantity) + TransmissionCharge. Confirm if units are in cents and if yes, then make the appropriate conversion to dollars before doing the math. Allow for a tolerance of +/-1% when equating.	Yes	Yes	Yes	Yes	Yes	Yes	Total Transaction Charge (Field 70) must equal Price (Field 65) * Quantity (Field 64) + Total Transmission Charge (Field 69), with a +/- 1% or $1 error tolerance. Also, (for Energy, Capacity, and Booked Out Power) Total Transaction Charge (Field 70) equal Standardized Price (Field 68) * Standardized Quantity (Field 67) + Total Transmission Charge (Field 69), with same tolerance. Note: Price (Field 65) * Quantity (Field 64) = Standardized Price (Field 68) * Standardized Quantity (Field 67).	Error	Data Check
F.24.15.1	Check for duplicate transaction UIDs.	XSD	XSD	XSD	XSD	XSD	XSD		XSD	XSD
F.25.1	Disallow empty or null transaction UIDs.	XSD	XSD	XSD	XSD	XSD	XSD		XSD	XSD
F.25.2	Check that required fields are populated correctly. If {property name} is not found in the database lookup table then error out. Field, Property 59, Class Name 60, Term Name 61, Increment Name 62, Increment Peak Name 63, ProductName 55, RateUnits 56, TimeZone 57, PODBA	See Break down	See Break down	See Break down	See Break down	See Break down	See Break down		Error	Data Check
F.25.2.1	Disallow empty Class Name.	No	Yes	Yes	Yes	Yes	Yes	Class Name (Field 59) must be a recognized value. See Data Dictionary	Error	Data Check
F.25.2.2	Disallow empty Term Name.	No	Yes	Yes	Yes	Yes	Yes	Term Name (Field 60) may not be empty or null	Error	Data Check
F.25.2.3	Disallow empty Increment Name.	No	Yes	Yes	Yes	Yes	Yes	Increment Name (Field 61) may not be empty or null	Error	Data Check
F.25.2.4	Disallow empty Increment Peaking Name.	No	Yes	Yes	Yes	Yes	Yes	Increment Peaking name (Field 62) may not be empty or null	Error	Data Check
F.25.2.5	Disallow empty Product Name.	No	Yes	Yes	Yes	Yes	Yes	Product Name (Field 63) may not be empty or null	Error	Data Check
F.25.2.6	Disallow empty Rate Units (Field 66)	No	Yes	Yes	Yes	Yes	Yes	Rate Units (Field 66) may not be empty or null	Error	Data Check
F.25.2.7	Disallow empty Time Zone.	No	Yes	Yes	Yes	Yes	Yes	Time Zone (Field 56) may not be empty or null	Error	Data Check
F.25.2.8	Disallow empty Point of Delivery Balancing Authority (Field 57).	No	Yes	Yes	Yes	Yes	Yes	Point of Delivery Balancing Authority (Field 57) may not be empty or null	Error	Data Check
F.25.3	If PODBA = "HUB" and PODSL-Hub is not found in the list of hubs then fail "Delivery Specific Location {0} is not valid (for Trading Hub)."	No	Yes	Yes	Yes	Yes	Yes	The Point of Delivery Specific Location (Field 58) must be a valid non- empty string value.	Error	N/A
F.25.13.1	Confirm if Transaction is BookedOutPower and if buyer is an ISO. For Date < 10/1/2006, allow the file to go through but with warning message.	Yes	Yes	Yes	No	No	No	Offsetting transactions in RTO markets must be reported in the EQR in accordance with the Real Time/Day Ahead guidance document available at http://www.ferc.gov/docs- filing/eqr/news-help/real-time.pdf.	Warning	Data Check
F.25.13.2	Confirm if Transaction is BookedOutPower and if buyer is an ISO. For Date>= 10/1/2006 reject file with error message.	No	No	No	Yes	Yes	Yes	Offsetting transactions in RTO markets must be reported in the EQR in accordance with the Real Time/Day Ahead guidance document available at http://www.ferc.gov/docs- filing/eqr/news-help/real-time.pdf.	Error	Data Check
F.25.14.1	Confirm transaction quantity = 0. (or be null) If true and Date < 10/1/2006, then	Yes	Yes	Yes	No	No	No	Sales should not have a Transaction Quantity (Field 64) equal to 0	Warning	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.25.15	Confirm transaction quantity = 0. If true and Date > 10/1/2006, then check if totaltransactionCharge=0. If both are true, then fail with error message "Error: Sales cannot have both Quantity and Total Transaction Charge equal to 0."							Sales should not be reported if they have a Transaction Quantity (Field 64) and a Total Transaction Charge (Field 70) equal to 0.	Error	
F.25.16	Rule Name: Aggregate ISO Sales Detected Validation Calculation: Verify if the average interval of all of the transactions to an ISO in a given quarter is greater than 3 hours. Error Type: *Error Message: "It appears you are aggregating sales to an ISO: Buyers: <List of Buyers>" Specific routine: Step 1 The Transactions are queried for transactions where the Transaction Start Date, Transaction End Date, Buyers Name (from the associated Contract) where the Transaction Product Name is 'ENERGY' and the Transaction Class Name is not 'BA' AND The Sellers name is the same as the Customer Company Name or 'BOOKED OUT POWER' Step 2 The results of Step 1 if any are queried for rows where the Buyers names are in the list of ISO AKAS Step 3 The results of Step 2 are queried grouped by Buyers for Buyers where the average duration of the Buyers transactions > 3 hours.	No	Yes	Yes	Yes	Yes	Yes	It appears sales to an ISO are being aggregated.	Error	Data Check
F.25.17.2	Check for transaction records with duplicate data (warning). This is a complex key comprised of the following fields: Transaction Begin Date (Field 51) and Transaction End Date (Field 52).	Yes	Yes	Yes	Yes	Yes	Yes	Duplicate transaction data found. The data cannot be exactly the same after grouping transactions by Transaction Begin Date (Field 51) and Transaction End Date (Field 52). The data value fields were found to be identical. The data identification fields, Transaction Unique ID (Field 45) and Transaction Unique Identifier (Field 50), were excluded from the comparison.	Warning	Data Check
F.25.18	For FilingPeriod Q3 2013 and forward, If the product is not Booked Out Power, confirm that the Transaction Product (Field 63) is matched by an equivalent Product Name (Field 31). If Field 63 is Booked Out Power, Field 31 must be ENERGY or CAPACITY.	No	No	No	No	Yes	Yes	Every transaction must have a corresponding contract. The Transaction Product (Field 63) must match a corresponding Contract Product Name (Field 31). The Transaction Product specified does not have a corresponding Contract for the same product and customer. If Field 63 is Booked Out Power, Field 31 must be ENERGY or CAPACITY.	Error	Data Check
F.25.19	Trade Date (Field 53) should not be null after Q3 2013.	No	No	No	No	Yes	No	Trade Date (Field 53) should not be empty or null if the transaction was entered into on or after 7/1/2013.	Warning	Data Check
F.25.20	Transaction Standardized Price is required after Q3 2013. For product names Energy, Capacity, and Booked Out Power only please specify the price in $/MWh if the product is Energy or Booked Out Power.	No	No	No	No	Yes	No	Standardized Price (Field 68) should not be empty or null for Energy, Booked Out Power, or Capacity products if the transaction was entered into on or after 7/1/2013.	Warning	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.25.21	Transaction Type of Rate is required after Q3 2013.	No	No	No	No	Yes	No	Type of Rate (Field 55) should not be empty or null if the transaction was entered into on or after 7/1/2013.	Warning	Data Check
F.25.22	Transaction BrokerExchange is required after Q3 2013.	No	No	No	No	Yes	Yes	If seller clears transactions through an Exchange/Brokerage Service, Field 54 should not be empty or null.	Warning	Data Check
F.25.24	Transaction Standardized Quantity is required after Q3 2013. For product names Energy, Capacity, and Booked out Power only please specify the quantity in MWh if the product is energy or booked out power and specify the quantity in MW if the product is capacity.	No	No	No	No	Yes	No	Standardized Quantity (Field 67) should not be empty or null for Energy, Booked Out power, or Capacity products if the transaction was entered into on, or after 7/1/2013.	Warning	Data Check
F.25.24.1	If transaction StandardizedQuantity is <= 0.	No	No	No	No	Yes	Yes	Please confirm that transactions with negative or zero Standardized Quantity (Field 67) are correct.	Warning	Data Check
F.25.21.2	If transaction Quantity is <= 0 Warning "Please confirm that transactions with negative or zero Quantity are correct"	No	No	No	No	Yes	Yes	Please confirm that transactions with negative or zero Quantity (Field 64) are correct.		
F.25.25	In XML the PODSL and PODSLHub cannot be populated simultaneously. Similarly, the PORSL and PORSLHub cannot be populated simultaneously. If PODBA is Hub, then PODSL must be an electric Hub. If PORBA is Hub, then PORSL must be an electric Hub.							If PODBA is HUB, then PODSLHub should contain a HUB from Appendix C and PODSL should be empty. If PORBA is HUB, then PORSLHub should contain a HUB from Appendix C and PORSL should be empty. The "SpecificLocation" and "SpecificLocationHub" should not be populated simultaneously.	Error	XSD
F.30.41	Valid Seller without a Tariff with FERC will use "NPU" as Tariff Reference.	NA	NA	NA	NA	NA	NA		NA	N/A
F.30.41.1	The system will Verify that Seller who entered "NPU" as Tariff Reference has been approved as such in Company Registration.	No	No	No	No	Yes	Yes	The Seller is not listed in the FERC Company Registration System as a Non-Public Utility (NPU).	Warning	Data Check
F.30.41.2	The system shall generate a WARNING when the Tariff Reference is invalid.	NA	NA	NA	NA	NA	NA		NA	N/A
F.30.41.3	The system shall verify that all contracts belonging to a Seller, either have tariff references or are ALL declared as "NPU."	No	No	No	No	Yes	Yes	The Contracts specify the seller both as a Public Utility and a Non-Public Utility (NPU).	Warning	Data Check
F.30.42	Trade Date is required for transactions entered into on or after 7/1/2013	No	No	No	No	No	Yes	Trade Date (Data Dictionary Field No. 53) is required WHEN Contract Execution Date (Data Dictionary Field No. 21) is on or after 7/1/2013. Please review transactions with Transaction Unique IDs <list of first 10 EQR_Transaction_Uids>	Error	Data Check
F.30.43	Transaction Type of Rate is required for transactions entered into on or after 7/1/2013	No	No	No	No	No	Yes	Transaction Type of Rate (Data Dictionary Field 55) is required when Contract Execution Date (Data Dictionary Field 21) is on or after 7/1/2013. Please review transactions with Transaction Unique IDs <list of first 10 EQR_Transaction_Uids>	Error	Data Check
F.30.44	Standardized Price is required for products ENERGY, CAPACITY, and BOOKED OUT POWER for transactions entered into on or after 7/1/2013	No	No	No	No	No	Yes	For product names ENERGY, CAPACITY, and BOOKED OUT POWER only. Standardized Price (Data Dictionary Field No. 68) is required when Contract Execution Date (Data Dictionary Field 21) is on or after 7/1/2013. Please review transactions with Transaction Unique IDs <list of first 10 EQR_Transaction_Uids>	Error	Data Check

Original Req. ID	Requirement Description	Effective Time Frame						Error Message	Severity	Type of Validation
		Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Q4 2019			
F.30.45	Standardized Quantity is required for products ENERGY, CAPACITY, and BOOKED OUT POWER for transactions entered into on or after 7/1/2013	No	No	No	No	No	Yes	For product names ENERGY, CAPACITY, and BOOKED OUT POWER only. Standardized Quantity (Data Dictionary Field No. 67) is required when Contract Execution Date (Data Dictionary Field 21) is on or after 7/1/2013. Please review transactions with Transaction Unique IDs <list of first 10 EQR_Transaction_Uids>	Error	Data Check
F.30.48	Transaction Point of Delivery Specific Location (PODSL) is required	No	No	No	No	No	Yes	Transaction Point of Delivery Specific Location (PODSL) (Data Dictionary Field No. 58) is required. Please review transactions with Transaction Unique IDs <list of first 10 EQR_Transaction_Uids>	Error	Data Check
Pre Q1 2004	"Yes" in this column indicates that the requirement applies for Filing prior to Q1 2004	Yes								
Q1 2004	"Yes" in this column indicates that the requirement is applicable to filings, beginning Q1 2004		Yes							
Q1 2005	"Yes" in this column indicates that the requirement is applicable to filings, beginning Q1 2005			Yes						
Q4 2006	"Yes" in this column indicates that the requirement is applicable to filings, beginning Q4 2006				Yes					
Q3 2013	"Yes" in this column indicates that the requirement is applicable to filings, beginning Q3 2013					Yes				
Q4 2019	"Yes" in this column indicates that the requirement is applicable to filings, beginning Q4 2019						Yes			
Data Check	Validates business rules									
XSD	Validates data types, relationships and constraints such as size, dates, or characters									
N/A	This rule is not turned on in the current release									