

EQR User Group Meeting Office of Enforcement Division of Energy Market Oversight

December 5, 2017

IT Support Improvements for EQR

December 5, 2017





Progress on Resolving FERC Online Support Requests



- Improved EQR processes which reduced the number of tickets being created and the time taken to resolve them
- Improved tracking and reporting on open trouble tickets
- A knowledgebase is being built to help IT to provide improved support to filers who are having issues
- Senior level management assigned a Business
 Applications Support Team Lead to further improve the EQR support process.

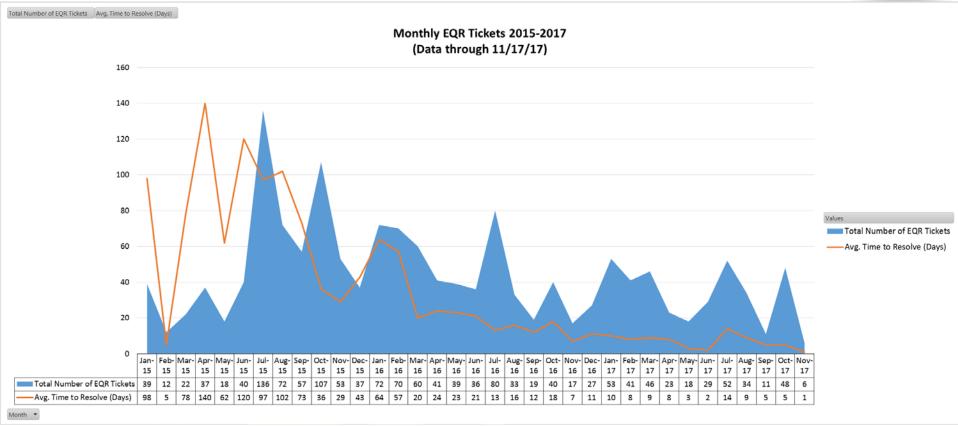
EQR System Upgrades and Improvements



- Software upgrades
 - Added file name to the receipt email sent to filers after they complete their submission
 - Refined the alignment with other FERC systems such as eRegistration and Company Registration to ensure that only fully registered agents are allowed to file the EQR on behalf of a seller
- Hardware upgrades
 - Server upgrades have improved EQR performance, reliability and availability

EQR Ticket Trend Analysis





- Number of tickets have declined and closure times have decreased since peaking in 2015
- Improved trend has remained steady over past six months

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EQR Website Overview

EQR Users Group Meeting – December 5, 2017

Electric Quarterly Reports (EQR) Homepage



 EQR Filing Deadlines

 Quarter
 Quarter Dates
 Due By

 Q1
 January 1 – March 31
 April 30

 Q2
 April 1 – June 30
 July 31

 Q3
 July 1 – September 30
 October 31

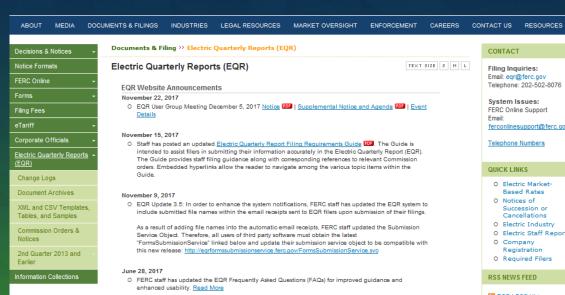
 Q4
 October 1 – December 31
 January 31

EQRs are due by 5 p.m. ET on the Due Date. If the Due Date falls on a day the Commission is closed (e.g., a weekend or due to inclement weather or other emergency), then the Due Date is the first day the Commission is open following the closure

Guidance for filling extension requests is available at <u>EQR FAQ</u>. Extension requests made through an electronic filling must use eFilling



EQR Filings Deadlines



Documents & Filing >> Electric Quarterly Reports (EQR)

Electric Quarterly Reports (EQR)

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EQR Website Announcements

O EQR User Group Meeting December 5, 2017 Notice 202 | Supplemental Notice and Agenda 202 | Event

November 15, 2017

 Staff has posted an updated <u>Electric Quarterly Report Filing Requirements Guide</u> . The Guide is
intended to assist filers in submitting their information accurately in the Electric Quarterly Report (EQR). The Guide provides staff filing guidance along with corresponding references to relevant Commission orders. Embedded hyperlinks allow the reader to navigate among the various topic items within the Guide.

November 9, 2017

O EQR Update 3.5: In order to enhance the system notifications, FERC staff has updated the EQR system to include submitted file names within the email receipts sent to EQR filers upon submission of their filings.

As a result of adding file names into the automatic email receipts, FERC staff updated the Submission Service Object. Therefore, all users of third party software must obtain the latest "FormsSubmissionService" linked below and update their submission service object to be compatible with this new release: http://eqrformssubmissionservice.ferc.gov/FormsSubmissionService.svc

June 28, 2017

O FERC staff has updated the EQR Frequently Asked Questions (FAQs) for improved guidance and enhanced usability. Read More

All Announcements

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CONTACT

Filing Inquiries: Email: egr@ferc.gov Telephone: 202-502-8076

System Issues: FERC Online Support

ferconlinesupport@ferc.gov

Telephone Numbers

QUICK LINKS

- O Electric Market-Based Rates
- O Notices of Succession or Cancellations
- O Electric Industry O Electric Staff Reports
- O Company
- Registration O Required Filers

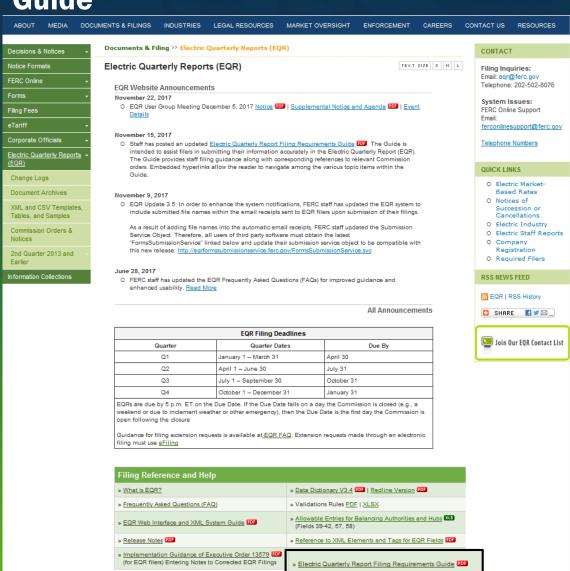
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Electric Quarterly Report Filing Requirements Guide

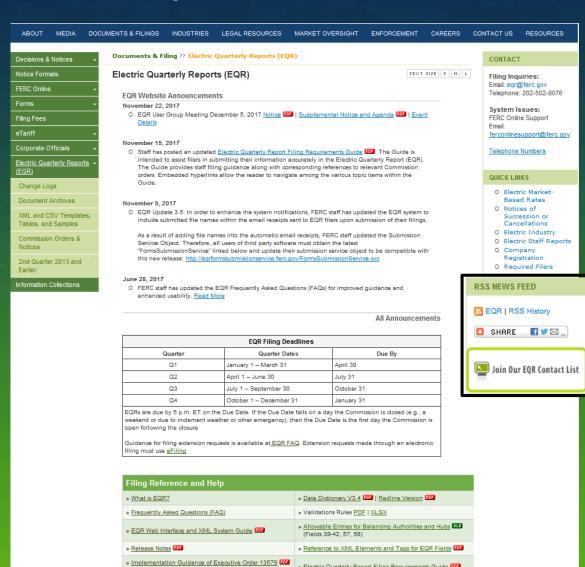


Frequently Asked Questions (FAQs)

Resources >> Frequently Asked Questions (FAQs) Frequently Asked Questions TEXT SIZE S M L Electric Quarterly Reports (EQRs) for 3rd Quarter 2013 and Beyond Print this page These Frequently Asked Questions are being provided by FERC staff to assist filers in complying with the requirements set forth in Commission rules and orders for EQRs filed for the third quarter of 2013 and later. Questions and answers may be added or updated from time to time. **Browse by Category Browse by Topic** O Affiliate Sales O General EQR O Ancillary Services O Company Registration O Contract Data O Automatic Generation Control (AGC) O Contract Data / Transaction O Bookouts Data O Boundary Sales / Mitigated O EQR Products Sales | Broker O EQR Products / Ancillary Services O Capacity Reassignment O ID Data O Contract Data Name Change O CSV file O Non Public Utilities (NPUs) O QF & EWG O Errors, Warnings, and Notifications O Reports O Foreign Sales O Transaction Data O ID Data Name Change O User Interface O Index Publisher O Mileage O Multi-party O PODBA O Revising EQR Data O Standardized Price & Standardized Quantity O Total Transmission Charge O Transmission Sales Validation O WSPP

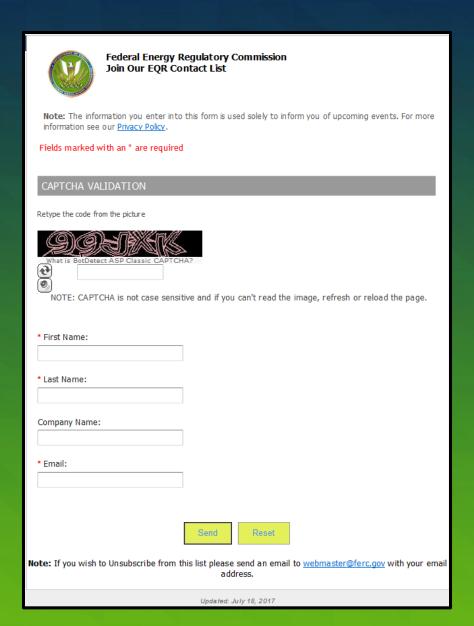
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(for EQR filers) Entering Notes to Corrected EQR Filings

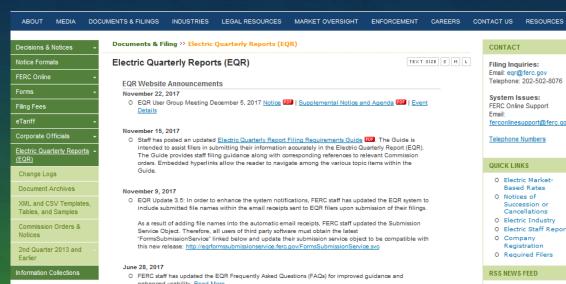


» Electric Quarterly Report Filing Requirements Guide [10]

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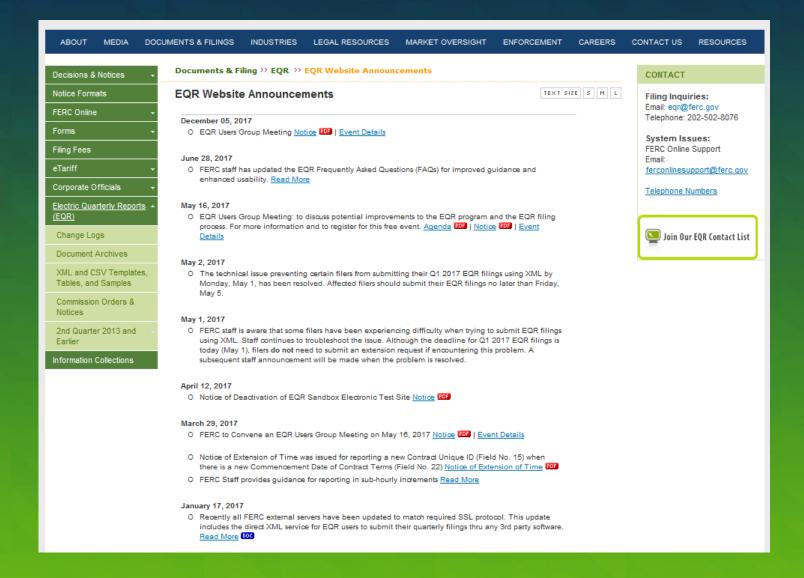
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Change Logs



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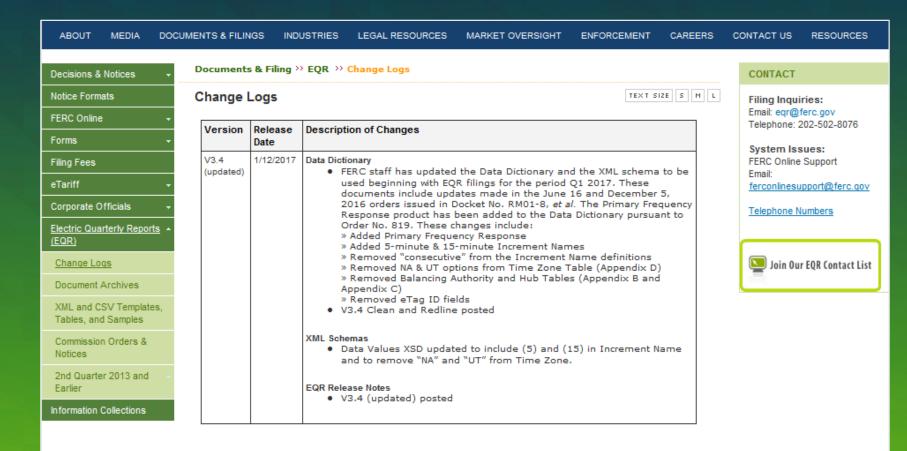
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Change Logs



EQR Website Overview

Questions?

NEXT PRESENTATION — SOHEILA MANSOURI OFFICE OF ENFORCEMENT — DIVISION OF ENERGY MARKET OVERSIGHT



Pre-Validation and Validation Error Messages

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Validation Process (CSV files)

Validation is done in two steps:

- Pre-validation
 Performs during upload
- Validation
 Performs during submit

Pre-Validation (CSV)

- Happens when attempting to upload a file
- Basic Data structure and formatting check
- If there is an error, the screen will display error information
- If pre-validation check passes, filers will be able to submit their files

Basic Data Structure and Formatting Check Examples

- 'Issue with Zip file' (e.g. Empty zip file, Wrong extension)
- 'Formatting issue' (e.g. Contract UID not started by letter 'C')
- 'Login or password check' (e.g. No Seller found for a user that is logged in)
- 'Mismatching information provided' (e.g. Selected Seller CID is different than the one from _ident.csv file)

Location for Pre-Validation Error Messages

- Error messages for Pre-validation can be found in the "EQR Web Interface and XML System Guide - Appendix B"
 - Available via this link: https://www.ferc.gov/docs-filing/eqr/users-guide.pdf

Sample Error Messages for Pre-Validation

Message #	Cause	Message
	Seller has no filings in previous quarter.	No previous quarter data for this Seller exist. Previous quarter data cannot be used to prefill the current quarter unless Seller has successfully submitted a filing in the previous quarter.
3400		No _contracts.csv file found for the uploaded _transactions.CSV file in the zip. Transactions that occur within the reporting quarter must have corresponding contracts reported during the same reporting quarter.

Uploading Large CSV Files

- At any given time, the system may adjust one or more file size thresholds in order to optimize queue management
- File is too large to be submitted for pre-validation
- System provides Options to submit for "Test Only" or "Direct CSV Submission"

Uploading XML Files

There are two options for filing in XML:

- Direct XML Upload
 - Has option for Test Only Submissions
- Web Service
 - No Test Only Option

XML Schema (XSD) Validation

- Filers should check their XML files against the XSD provided by FERC before uploading their files for validation
- The XSD files are located on the EQR website here:
 - http://eqr.ferc.gov/XSD/XmlModelPublic_DataStructure.xsd
 - http://eqr.ferc.gov/XSD/XmlModelPublic_DataValue.xsd

Test Only Validation

- Validates data before writing to the database
- All validation rules apply to the data
- Data is not submitted to the Commission
- Users may submit tested files in "Direct CSV Submission" or "Direct XML Upload"

Notification emails are sent from FERC for CSV and XML

- 1. Receipt Email
- 2. Validation Email
- 3. Rejection Email
 OR
 Acceptance Email

Validation Errors

Validation Rules and Error Messages are available at:

https://www.ferc.gov/docs-filing/eqr/order768/validation-rules.pdf

Rules are applied after the system opens the files

Validation Errors - example

		Effective Time Frame							
Original Req. ID	Requirement Description	Pre Q1 2004	Q1 2004	Q1 2005	Q4 2006	Q3 2013	Error Message	Severity	Type of Validation
F.25.2.5	Disallow empty Product Name.	No	Yes	Yes	Yes	Yes	Product Name (Field 63) may not be empty or null	Error	Data Check
	If transaction StandardizedQuantity is <= 0.	No	No	No	No		Please confirm that transactions with negative or zero Standardized Quantity (Field 67) are correct.	Warning	Data Check

Error vs. Warning Messages

Error

- Will prevent acceptance
- Must be corrected and then resubmitted

Warning

- Will <u>not</u> prevent acceptance
- Alerts the filers to double check their filing

Further Information

 If you receive Pre-Validation or Validation errors that you need assistance with, or are not documented, please email us at eqr@ferc.gov`

Pre-Validation and Validation Error Messages

•Questions?

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"Other" Product Name and "Other" Product Type Name in the EQR

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"Other" Product Name Data from the EQR

- Product Name in the EQR is reported in Field Nos. 31 and 63.
- Data Dictionary definition: Description of product being offered.
- The Product Names Table is found in Appendix A of the Data Dictionary.
- Data Dictionary definition of "Other" Product Name: Product name not otherwise included.
- "Other" Product Name sales comprise around 3% of the Total Transaction Charges for every quarter since 2016.
- "Other" Product Name is the fourth most reported product name after Energy, Capacity, and Requirements Service Product Names by Total Transaction Charges.

"Other" Product Name Data from the EQR

- The majority of transactions reported as "Other" Product Name are sales to RTO/ISOs and the specific Total Transaction Charge for each transaction is relatively small.
- The Rate Description field (Field No. 37) indicates that these sales often report meter error corrections and flexible ramping product.
- The largest Total Transaction Charges of "Other" Product
 Name are reported from bilateral sales to affiliates.

"Other" Product Name Reporting Questions

- The Rate Description field data do not always comply with the Data Dictionary requirement when the "Other" Product Name is reported.
- Reporting "N/A" or "Market-Based" in the Rate Description does not comply with the Data Dictionary requirements or improve the transparency of the wholesale markets.

Example of Reporting That May Need to Be Reviewed

Customer Company Name	Bilateral
Contract Affiliate	Y
FERC Tariff Reference	Market-Based Rate Power Sales Tariff
Contract Service Agreement ID	Contract ABC
Product Name	Other
Rate	
Rate Minimum	
Rate Maximum	
Rate Description	N/A

"Other" Product Name Best Practices

- When submitting the Rate Description to the EQR, the filer should report the required information, as defined in the Data Dictionary.
- Some acceptable options for the Rate Description field are:
 - A text description of the rate
 - A FERC Accession Number and the relevant tariff
 - A rate algorithm
 - A descriptive summary with a citation of the tariff

"Other" Product Name Best Practices

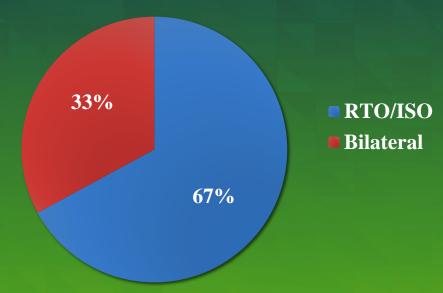
- When reporting bilateral sales under a long-standing contract, review the contract and verify especially that the Product Name is not Requirements Service or Grandfathered Bundled instead of Other.
- Staff is interested in knowing if there are Product Names that filers think should be added to the Product Names Table so that these products do not need to be reported as "Other".
- Contact the EQR team at eqr@ferc.gov to let Staff know of possible Product Names to be added.

"Other" Product Type Name Data from the EQR

- Field No. 30 in the Data Dictionary allows the following options:
 - CB Cost Based
 - CR Capacity Reassignment
 - MB Market Based
 - T Transmission
 - NPU Non-Public Utility
 - Other

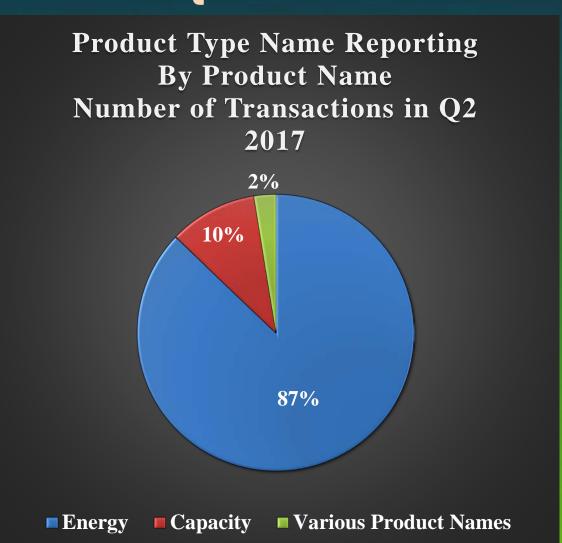
"Other" Product Type Name Data from the EQR

 The majority of transactions reported as "Other" Product Type Name are sales to RTO/ISOs. Product Type Name Reporting by Customer Company Number of Transactions in Q2 2017



"Other" Product Type Name Data from the EQR

- The majority of the transactions listed as "Other" Product Type Name are sales of Energy and Capacity Product Names.
- The Customer Company for most of these transactions is the RTO/ISO.
- Staff would expect that sales to RTO/ISOs would be reported as "MB" Product Type Name and not "Other" Product Type Name.



"Other" Product Type Name Reporting Questions

- Staff has observed instances of reporting of "Other" Product Type Name while the Rate Description field reports text such as "Market-Based".
- This type of reporting does not clarify why the Product Type Name is "Other" and not "MB - Market Based".

Example of Reporting That May Need to Be Reviewed

Customer Company Name ISO

Contract Affiliate N

FERC Tariff Reference FERC Electric Tariff Revised Volume 1

Contract Service Agreement ID Agreement ABC

Class Name N/A

Term Name ST

Increment Name N/A

Increment Peaking Name N/A

Product Type Name Other

Product Name Energy

Rate Description Market-Based

"Other" Product Type Name Best Practices

- Verify that the Product Type Name is reported correctly by eliminating all the other options allowed for this field.
- Review the contracts for Energy, Capacity, and Ancillary Services sales into the RTO/ISO markets to verify the correct reporting of the Product Type Name.

"Other" Product Name "Other" Product Type Name

• Questions?