



Form Nos. 1, 1-F, 3-Q (Electric) XBRL Technical Conference

Tuesday, March 24, 2020



Agenda

Format
Enhancements

Comments
Received
Through Yeti

Implementation
Timeline

Question and
Answer Session



XBRL Form No. 1 Format Enhancements



Format Enhancements

General Changes with XBRL

Specific Schedule Presentation Changes

Inclusion of Energy Storage Accounts and Schedules

Validations

Year-to-Year Filing and Rollforwards



General Changes with XBRL



Page numbers



Rows and Totals



Consistency in Free Form Schedules



Instructions and Column Headers/Division of Fields



Footnote Flexibility and Formatting



Page Numbers

- Page numbers will still be included for reference and comparability to the current version of the Form No. 1
- Now schedules will have only one page number vs. a range of page numbers for longer schedules
- Trying to move away from page numbers and stick to schedule names as much as possible going forward



Page Numbers

LIST OF SCHEDULES (Electric Utility)

Enter in column (c) the terms "none," "not applicable," or "NA," as appropriate, where no information or amounts h certain pages. Omit pages where the respondents are "none," "not applicable," or "NA".

Line No.	Title of Schedule (a)	Reference Page No. (b)
1	General Information	101
2	Control Over Respondent	102
3	Corporations Controlled by Respondent	103
4	Officers	104
5	Directors	105
6	Information on Formula Rates	106(a)(b)
7	Important Changes During the Year	108-109
8	Comparative Balance Sheet	110-113
9	Statement of Income for the Year	114-117
10	Statement of Retained Earnings for the Year	118-119
11	Statement of Cash Flows	120-121
12	Notes to Financial Statements	122-123
13	Statement of Accum Comp Income, Comp Income, and Hedging Activities	122(a)(b)
14	Summary of Utility Plant & Accumulated Provisions for Dep, Amort & Dep	200-201
15	Nuclear Fuel Materials	202-203
16	Electric Plant in Service	204-207
17	Electric Plant Leased to Others	213

100	TOTAL (Accounts 101 and 106)
101	(102) Electric Plant Purchased (See Instr. 8)
102	(Less) (102) Electric Plant Sold (See Instr. 8)
103	(103) Experimental Plant Unclassified
104	TOTAL Electric Plant in Service (Enter Total of lines 100 thru 103)

FERC FORM NO. 1 (REV. 12-05) Page 206

100	TOTAL (Accounts 101 and 106)		
101	(102) Electric Plant Purchased (See Instr. 8)		
102	(Less) (102) Electric Plant Sold (See Instr. 8)		
103	(103) Experimental Plant Unclassified		
104	TOTAL Electric Plant in Service (Enter Total of lines 100 thru 103)		

FERC FORM No. 1 (REV. 12-05) Page 204



Page Numbers

- Transmission Formula Rate Template

		Form No. 1
Line		Page, Line, Col.
No.	RATE BASE:	
	GROSS PLANT IN SERVICE (Note BB and Note EE)	
1	Production	205.46.g
2	Transmission	207.58.g
3	Distribution	207.75.g
4	General & Intangible	205.5.g & 207.99.g
5	Common	356.1
6	TOTAL GROSS PLANT (sum lines 1-5)	



Rows and Totals

- There is a potential for there to be a few new rows due to the energy storage accounts or for presentation purposes
- The total rows will be the same since they are referenced for use in different places
- In some of the free form schedules, there will be rows that are not used if you do not have anything to input and those rows will be skipped up to the total row



Rows and Totals

36	D. Other Production Plant
37	(340) Land and Land Rights
38	(341) Structures and Improvements
39	(342) Fuel Holders, Products, and Accessories
40	(343) Prime Movers
41	(344) Generators
42	(345) Accessory Electric Equipment
43	(346) Misc. Power Plant Equipment
44	(347) Asset Retirement Costs for Other Production
45	TOTAL Other Prod. Plant (Enter Total of lines 37 thru 44)
46	TOTAL Prod. Plant (Enter Total of lines 16, 25, 35, and 45)

36	D. Other Production Plant
37	(340) Land and Land Rights
38	(341) Structures and Improvements
39	(342) Fuel Holders, Products, and Accessories
40	(343) Prime Movers
41	(344) Generators
42	(345) Accessory Electric Equipment
43	(346) Misc. Power Plant Equipment
44	(347) Asset Retirement Costs for Other Production
44.1	(348) Energy Storage Equipment - Production
45	TOTAL Other Prod. Plant (Enter Total of lines 37 thru 44)
46	TOTAL Prod. Plant (Enter Total of lines 16, 25, 35, and 45)



Rows and Totals

Transmission Service and Generation Interconnection Study Costs

1. Report the particulars (details) called for concerning the costs incurred and the reimbursements received for performing transmission service and generator interconnection studies.
2. List each study separately.
3. In column (a) provide the name of the study.
4. In column (b) report the cost incurred to perform the study at the end of period.
5. In column (c) report the account charged with the cost of the study.
6. In column (d) report the amounts received for reimbursement of the study costs at end of period.
7. In column (e) report the account credited with the reimbursement received for performing the study.

Line No.	Description (a)	Costs Incurred During Period (b)	Account Charged (c)	Reimbursements Received During the Period (d)	Account Credited With Reimbursement (e)
1	Transmission Studies				
20	Total				



Consistency in Free Form Schedules

- Free form schedules are those that do not have defined lines
- There will be an “order number” option that will not show up when the schedule is rendered to organize lines how you would like to represent them
- The order number does not carry over year to year but you can use the same order number on an item if you would like to keep the schedule looking consistent
- Totals will currently maintain the same row numbers regardless of how many lines there are and show up on the bottom of the rendered form



Instructions and Column Headers/Division of Fields

- There are some cases where headers will be added or divided into different columns
- In many cases, there were instructions that asked for a number of different things in one data field
- This will help ensure instructions are not missed and the information asked for is properly included
- Instructions will not be asking for any further information, but may be updated to properly reference columns asking for certain information



Instructions and Column Headers/Division of Fields

- Old Headers

OFFICERS

1. Report below the name, title and salary for each executive officer whose salary is \$50,000 or more. An "executive officer" of a respondent includes its president, secretary, treasurer, and vice president in charge of a principal business unit, division or function (such as sales, administration or finance), and any other person who performs similar policy making functions.
2. If a change was made during the year in the incumbent of any position, show name and total remuneration of the previous incumbent, and the date the change in incumbency was made.

Line No.	Title (a)	Name of Officer (b)	Salary for Year (c)
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- New Headers

OFFICERS

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2. If a change was made during the year in the incumbent of any position, show name and total remuneration of the previous incumbent, and the date the change in incumbency was made.

Line No.	Title (a)	Name of Officer (b)	Salary (c)	Date Started in Period (d)	Date Ended in Period (e)
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Footnote Flexibility and Formatting

- Footnotes can be put on any fact and will carry over to that fact year-to-year
- They can be formatted in a number of ways, similarly to SEC footnotes, including charts, tables, or other graphics
- They will show up at the bottom of the page with a reference to where they are in the page when they are rendered on schedules
- Notes to financial statements can be rolled over to be edited for the next year







Specific Schedule Presentation Changes

- Some schedules have presentation changes compared to the old forms
- A version of the renderings is available online at ferc.gov on the eForms Refresh page
- These are still being updated and are in draft form, but they will provide an idea of what the forms will look like






ferc.gov/docs-filing/forms/forms-refresh.asp

User Testing for Draft Filing Documents (Updated March 20, 2020)
User Review and feedback is welcomed regarding the following Revised Commission Filing Forms. New Files will be added soon.








[FERC eForms Filing Manual](#)  v0.1
[FERC Taxonomy Guide](#)  v0.1
[FERC Yeti Taxonomy Viewer Guide](#) 
[Yeti review tool](#) 

Yeti is a review tool for viewing and commenting on XBRL taxonomies and is open to everyone to view the taxonomies. Please refer to the Notice of Technical Conference (RM19-12-000) for instructions on how to sign up for contributor access, and the *FERC Yeti Taxonomy Viewer Guide* for instructions on how to use the tool.







Definition Spreadsheets:

- [Form 1 v0.1](#) 
- [Form 2 v0.1](#) 
- [Form 6 v0.1](#) 
- [Form 60 v0.1](#) 
- [Form 714 v0.1](#) 







Taxonomy Files (note, you must unzip these files to view):

- [Form 1 v0.1](#)  [Form 1 v0.5](#) 
- [Form 1-F v0.1](#)  (Now Included in Form 1 v0.5)
- [Form 2 v0.5](#) 
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Form Validations:

- [All Forms v0.5](#) 
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Blank ~~Standard Form~~ ~~sets~~, unzip all files in the same folder and open the HTML file to view the form):

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- [Form 60 v0.1](#) 
- [Form 1 v0.1 & 3Q Electric v0.1](#) 
- [Form 714 v0.1](#) 
- [Form 6 & 6Q v0.1](#) 



Inclusion of Energy Storage Schedules and Accounts

- Order 784 – Final Rule in 2013
 - Created new energy storage accounts and schedules
- Formal Accounting Guidance Docket No. AI14-1-000
 - Describes the current expected presentation and accounting for these costs
 - These currently should be included in footnotes but now the schedules and accounts originally included in the order are appropriately in the Form No. 1
- These can be found on eLibrary or on the accounting matters page on ferc.gov under enforcement



- Investigations
- Self Reports
- Audits
- Accounting Matters
- Interest Rates
- Enforcement Resources
- Enforcement Hotline
- Compliance
- Enforcement Reliability
- Prohibition of Energy Market Manipulation
- Civil Penalties
- No Action Letters

Enforcement >> Accounting Matters

Accounting Matters

TEXT SIZE S M L

The Federal Energy Regulatory Commission has established regulatory accounting and financial reporting requirements for its jurisdictional entities in the electric, natural gas, and oil pipeline industries. These requirements play a vital role in the Commission's strategy of setting just and reasonable cost-of-service rates. The foundation of the Commission's accounting program is the Uniform System of Accounts codified in the Commission's regulations. In addition, the Commission issues accounting rulings relating to specific transactions and applications through orders and Chief Accountant guidance letters. This body of accounting regulations, orders, and guidance letters comprises the Commission's accounting and financial reporting requirements which promote consistent, transparent, and decision-useful accounting information for the Commission and other stakeholders. These accounting and financial reporting requirements take into consideration the Commission's ratemaking policies, past Commission actions, industry trends, and external factors (e.g., economic, environmental, and technological changes, and mandates from other regulatory bodies) that impact the industries under the Commission's jurisdiction.

Accounting and Financial Reporting Regulations

Electric Public Utilities & Licensees, Natural Gas, and Oil Pipeline companies within FERC jurisdiction are required to maintain their books and records in accordance with the Commission's Uniform System of Accounts (USofA). The USofA provides basic account descriptions, instructions, and accounting definitions that are useful in understanding the information reported in the Annual Report Form Nos. 1, 1-F, 2, 2A, 6, and 6Q, and Quarterly Report Form Nos. 3Q and 6Q. Hard copies of all four systems of accounts are available from the U.S. Government Printing Office. Ask for Code of Federal Regulations, Title 18, Conservation of Power and Water Resources, Parts 1-399, Revised as of April 1 of the current year. The toll-free telephone number is 1-866-512-1800 or in the DC area at 202-512-1800. They can also be purchased online at <http://bookstore.gpo.gov/> [eFile](#) [Learn More](#)

Accounting Rulemakings

Periodically, the Commission will issue orders to revise its Uniform System of Accounts and financial reporting requirements through a rulemaking process. [Learn More](#)

Docket No.	Date	Title
Order No. 784-A PDF (RM11-24-000 & AD10-13-000)	February 20, 2014	Third-Party Provision of Ancillary Services; Accounting and Financial Reporting for New Electric Storage Technologies (Order Granting Clarification In Part and Denying Clarification In Part)
Order No. 784 PDF (RM11-24-000 & AD10-13-000)	July 18, 2013	Third-Party Provision of Ancillary Services; Accounting and Financial Reporting for New Electric Storage Technologies
Order No. 710 PDF (RM07-9-000)	March 21, 2008	Revisions to Forms, Statements, and Reporting Requirements for Natural Gas Pipelines

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QUICK LINKS

[eFile](#)
The Commission strongly encourages jurisdictional entities to make accounting filings and requests electronically.

To learn more, visit our:

- [eFiling section](#)
- [Quick User Guide](#) PDF

Accounting Guidance [Learn More](#)

Docket No.	Title
AI20-1-000 PDF	Letter to all Jurisdictional Public Utilities and Licensees, Natural Gas Companies, and Centralized Service Companies regarding Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement that is a Service Contract.
AI19-1-000 PDF	Letter To All Jurisdictional Public Utilities And Licensees, Natural Gas Companies, And Centralized Service Companies regarding Accounting and Financial Reporting for Leases
AI18-1-000 PDF	Accounting and Financial Reporting for Pensions and Post-retirement Benefits other than Pensions
AI14-1-000 PDF	Accounting and Reporting Guidance for New Electric Storage Technologies
AI11-1-000 PDF	Revision to Accounting Release No. 5, Capitalization of Allowance for Funds Used During Construction



Validations

- XBRL has validation rules to ensure data entered is appropriate
- When these rules are broken, an error message will provide a warning for you to revisit the data you entered, such as a calculation not footing
- The current validation rules are online at ferc.gov on the eForms Refresh page and are continuing to be implemented and updated



Validations

	A	B
1	Rule Identifier	Rule Description
2	F1.110.1	The company has reported a value for UtilityPlantAndConstructionWorkInProgress with a value of that is not equal to the value of the sum of its components of the following: UtilityPlant + ConstructionWorkInProgress
3	F1.110.2	The company has reported a value for UtilityPlantNet with a value of (sum) that is not equal to the value of the sum of its components of the following: UtilityPlantAndConstructionWorkInProgress - AccumulatedProvisionForDepreciationAmortizationAndDepletionOfPlantUtility

ferc.gov/docs-filing/forms/forms-refresh.asp

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- [Form 6Q v0.5 ZIP](#)
- [Form 714 v0.5 ZIP](#)

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- [Form 714 v0.1 ZIP](#)
- [Form 6 & 6Q v0.1 ZIP](#)



Year-to-Year Filing and Rollforwards

- XBRL will automatically rollforward the prior year data so that it is pre-populated
- Prior year values are driven by the date put in for the prior year, so when preparing forms always verify you are pulling from the correct period
- In the initial year of implementation, you will need to input prior year and current year values
- We will make files available for the prior years that can be used as a starting point, but we cannot guarantee the values pulled from the old system were pulled 100% appropriately



XBRL Form No. 1 Comments Received Through Yeti



General Overview of Comments Received

- Received over 1,500 comments related to the FERC Form No. 1/3Q
- Have reviewed all the comments received
- We have already made many changes based on simple comments such as misspelled words, grammar, and punctuation
- We are continuing to make changes that require a bit more work



Quarter vs. Year

- Will be updating quarterly statements to make sure they are not referring to annual amounts where applicable as there were some annual references in the quarterly statements in the earlier versions of the taxonomy
- References describing the quarterly statement in the Form No. 1 taxonomy are also being updated to verify the appropriate references are made to the annual amounts instead of quarters



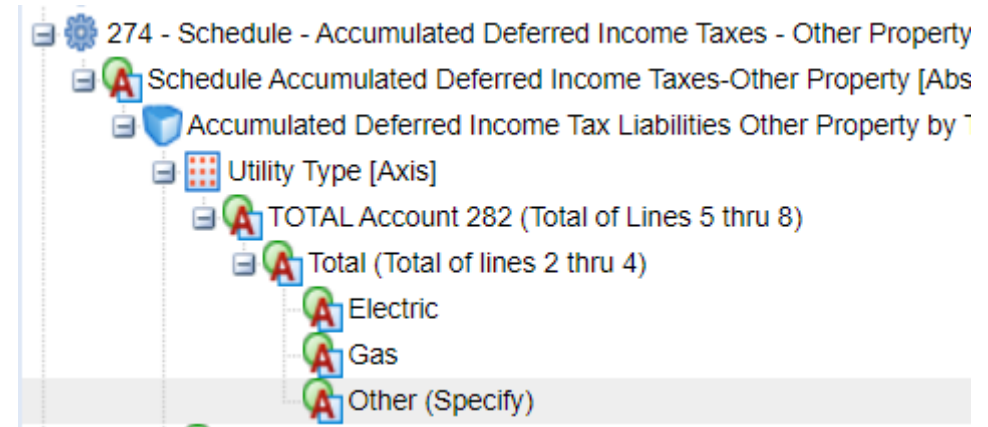
Description Tag

- Descriptions/Labels will not be tagged by filers
- Filers will not have to report their own labels or build and define their own rollforwards
- This may be different than what some filers may be used to doing with their SEC filings



Utility Type Domain and General References

- There are some tables that include utility type domains for electric, gas or other
- These are consistent tables and can show up with a number of different accounts
- We are verifying that appropriate accounts are referenced when it relates to them but the utility type domains are setup and used on a number of different schedules



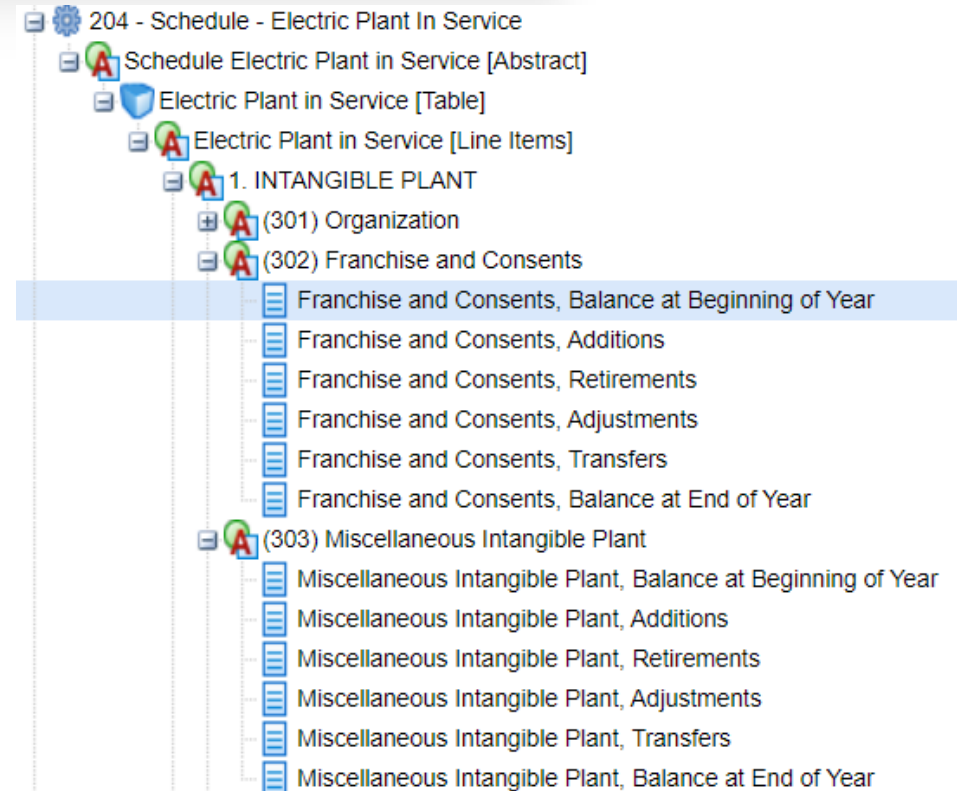
Yeti Relationships Tab vs. Validations

- There are no automatic calculations performed and everything will have to be manually entered in XBRL
- There are rules in the background that are being added for rollforwards, such as page 204, which will verify that all items foot and cross foot appropriately
- While you may not see any calculations in the relationships tab currently, they are being created and added via validations.



Beginning and Ending Balance Labels

- Beginning and ending balance labels have been updated in order to correspond to the specific accounts they refer to
- Previous versions did not have separate labels for the different fields for beginning and ending balances



Debit and Credit Balances


- Should be using the normal balance of the account
- All data entered into those will be entered with a positive balance unless it is an unusual situation where there is a credit balance in a normal debit account
- Gains and losses will depend on the balance attribute, so for example if there would be a net loss on the income statement, it would be reported as a negative
- In some cases with gains or losses that could go either way, we are trying to identify and provide clear instruction whether to treat a certain line with a normal debit or credit balance
- This should be consistent with GAAP and SEC logic



XBRL Form No. 1 Implementation Timeline



Proposed Implementation Timeline



XBRL Effective
2020

A dark green arrow-shaped banner pointing right, containing a light blue rounded rectangle with the text 'XBRL Effective 2020'.



Annual Filing Due
2021

A dark green arrow-shaped banner pointing right, containing a light blue rounded rectangle with the text 'Annual Filing Due 2021'.



Question and Answer Session



Questions?

Live Moderated Q&A Session

Formal Comments in Docket No. RM19-12-000

Email informal questions to XBRLFormsRefresh@ferc.gov

