# eLibrary Web Search Modernization

May 2019



Federal Energy Regulatory Commission (FERC)



# **Modernization Objectives**

- Increase Trust in the Accuracy of Search Results
- Reduce Redundancy
- Improve Navigation
- Improve User Experience
- Remove Features that Provide Limited Value or Are No Longer Supported

## Increase Trust in the Accuracy of Search Results

 By design, three of the five searches used different logic to retrieve results. The business need for these different searches was not apparent to the user. The differing results confused some users and reduced their confidence in the accuracy of the data

## Reduce Redundancy

- Three of the search forms used the same logic for data retrieval but used different controls for the same fields
- Help and Accessible Help contained the same information. Both were accessible
- There were two sets of "Submit" buttons on the Advanced Search form when only one was needed that indicates the function to be performed (i.e. "Search") per Section 508 Compliance label recommendation

## Improve Navigation

- Navigation links could better match the screen labels and not shift locations depending on the page. Better labelling could eliminate confusion and the selection of the wrong link
- Login redirected users to a different screen requiring them to navigate back to the launch point
- Search forms required the user to scroll to submit the form
- Table navigation controls did not allow the user to readily control the number of rows per page or skip pages

# Improve User Experience

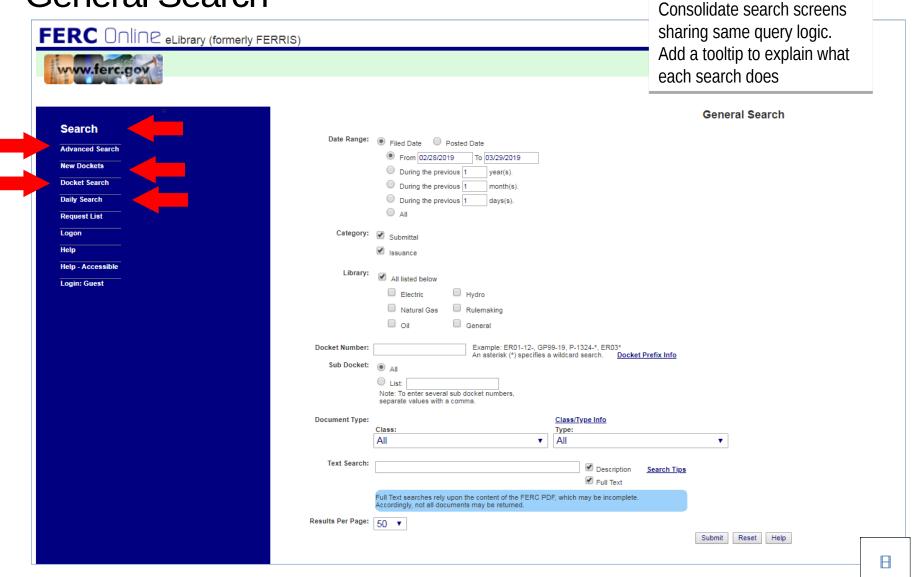
- Many primary functions such as zipping files for download, sorting the search result, and managing the display of content was hidden under the fold at the bottom of the table of results. Many users were not aware that the feature was available
- The ability to zip large files required the user to navigate to another page to download
- Filenames were not provided in the search result, requiring users to navigate to the File List screen to differentiate files
- The results screen was cluttered and columns were merged preventing sorting
- Links to FERC.GOV and FERC.Online were obscured under banner images

# Remove Features that Provide Limited Value or Are No Longer Supported

- The Guest Login was not functional
- The Request List was no longer supported and lacked the ability to charge for printing services
- The View Files feature was considered of limited value. Users reported never having used it
- The Summary field was considered redundant with the Description field which was more comprehensive

#### Objective: Increase Trust

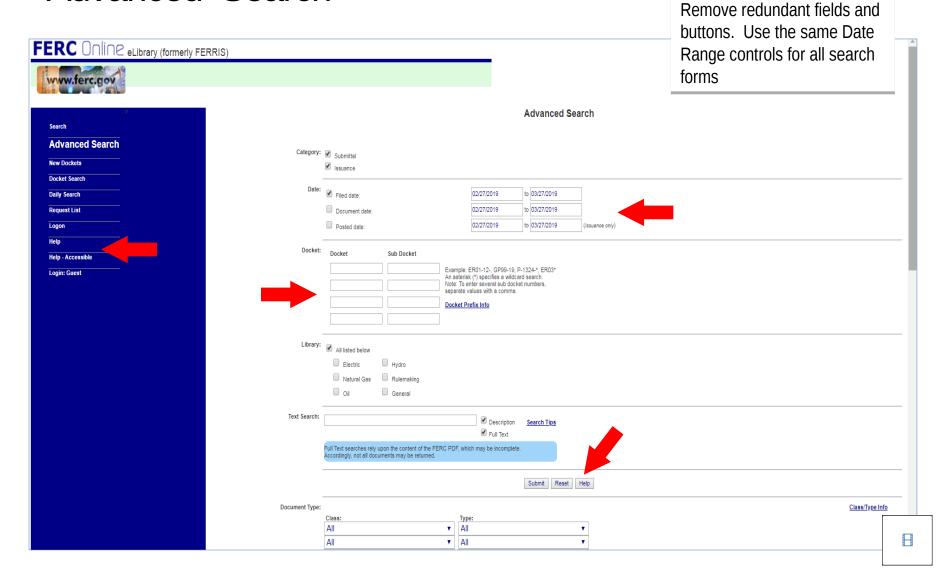
#### **General Search**



#### Objective: Reduce Redundancy

Consolidate Help Features.

#### Advanced Search



#### Objectives: Reduce Redundancy/Improve Navigation

Enable access to navigation links by making them visible

## Advanced Search (cont'd) scrolling....



#### Objective: Remove Features that Provide Limited Value

## Advanced Search (cont.) scrolling....

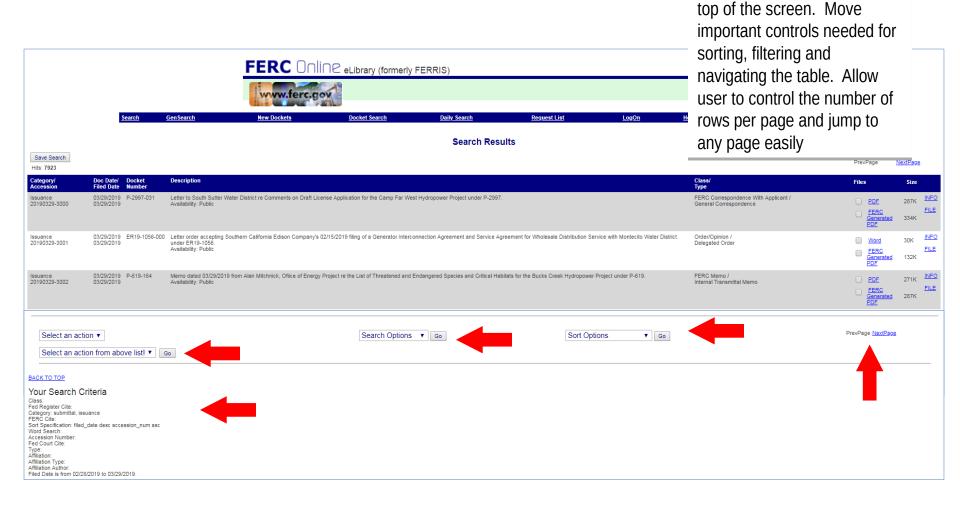
Remove criteria that are not found of value to users

	<b>▼</b>			
Numbers:				
	Date selections will be unchecked for number searches. Check box to use date range			
	Fed Register Cite 65 FR 57088 or 65 FR*			
	Fed Court Case Number 11TH CIR 81-77784 OF DC CIR*			
	FERC Cite 99FERC62,030 or 99FERC* Accession Number 19940824-0052 or 19940824*			
	Accession number 1994/024-0052 of 1994/024-0			
	Opinion 449-a or 449-a or 449- Order Number 888 or 888-a or 888*			
	Order National 1990 At 1990 At 1990			
Docketed:	Remove non-decisional items			
Child Document: Parent Accession # :				
E-filing:	Search for E-filing documents only			
Availability:	☑ All listed below			
	Privileged			
	CEII Protected			
Results Per Page	50 v			
	Submit Reset Help			
For any issues regarding FERC Online, please contact <u>ferconlinesupont@ferc.gog</u> or call 869-208-3676. Please include a current mail address, telephone number, and email address.				

#### Objective: Improve Navigation

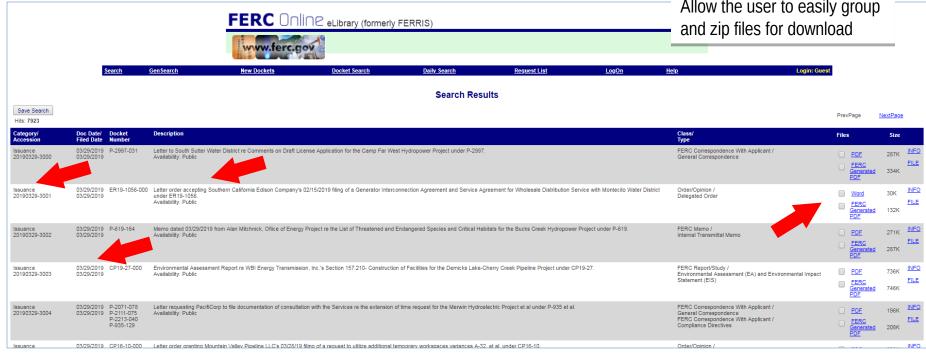
Move search criteria to the

#### General & Advanced Search Results



#### General & Advanced Search Results

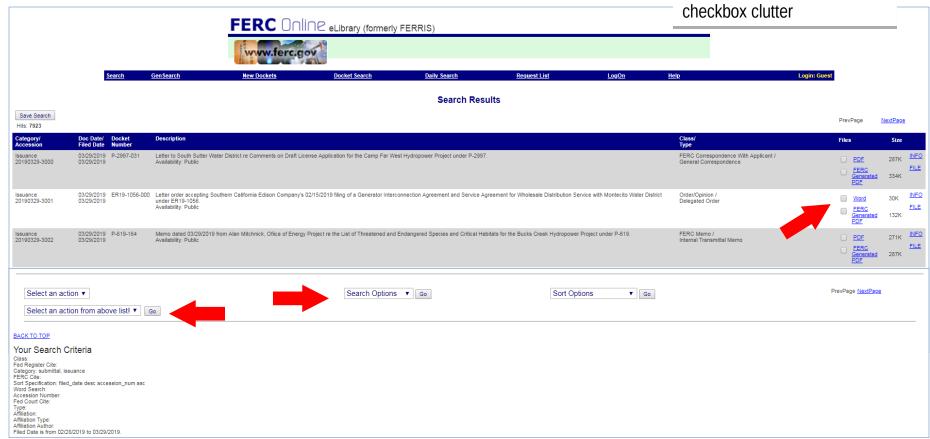
Decouple data to allow sorting. Display filenames instead of just the file types. Allow the user to easily group and zip files for download



#### Objective: Remove Features that Provide Limited Value

#### General & Advanced Search Results

Remove the View and the Display Summary features which are not in use. Remove checkbox clutter



#### Objective: Increase Trust

## Daily Search Results

Consolidate the Daily search results with the Advanced and General Search results since the logic and search criteria overlap

FERC Online eLibrary (formerly FERRIS)



<u>Search Adv Search New Dockets Docket Search Daily Search Request List LogOn Help</u> Login: Guest

Daily Filings/Issuances - Report

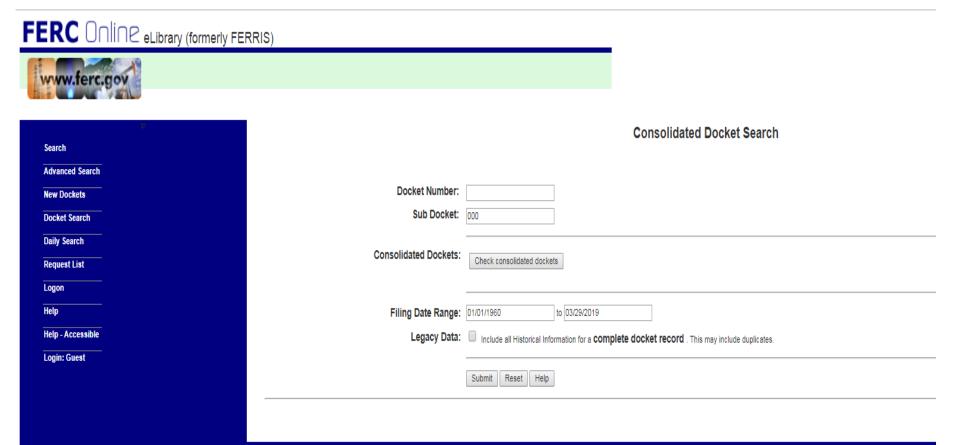
Filed Date- 03/29/2019

Docket/ Sub:	Accession#/ Category	Document Date/ Type	Author/ Affil.	Description/Files
AC19-67-000	20190329-3022 Issuance	3/29/2019 Delegated Order	OFFICE OF ENFORCEMENT	Letter order approving National Fuel Gas Supply Corporation's 02/07/2019 filling of a requested approval to use Account 439, etc. under AC19-67.
	ISSUBIICE	Delegated Order		Document Information
				Files
AC19-69-000	20190329-3023 Issuance	3/29/2019 Delegated Order	OFFICE OF ENFORCEMENT	Letter order approving FirstEnergy Service Company's 2/21/2019 filing of the proposed journal entries to clear Account 102, Electric Plant Purchased or Sold under AC19-69.
				Document Information
				Files
AC19-71-000	20190329-3024 Issuance	3/29/2019 Delegated Order	OFFICE OF ENFORCEMENT	Letter order accepting American Transmission Company LLC's 02/25/19 filling for approval of proposed accounting entries relating to the corporate reorganization transactions under AC19-71.
				Document Information
				Files
AD18-10-000	20190329-5159 Submittal	3/29/2019 Rulemaking Comment	Missouri Public Service Commission	Supplemental Comments of Missouri Public Service Commission under AD18-10.
	Submittal	Null-making Comment		Document Information
				Files
AD19-5-000	20190329-4000 Issuance	3/28/2019 FERC Correspondence With Government Agencies	NATIONAL MARINE FISHERIES SERVICE	The National Marne Fisheries Service FY2018 FPA related cost reports and required certification of cost incurred in compliance to Section 10(e) of the Federal Power Act under AD19-5.
		COTOTIIII OIL AGOIDIGG		<u>Document Information</u>
				Files
CD1// 103 000	20100220 5012	2/28/01/10	Filha Liquefaction Company 1.1.C. and Southern LNC Company	Request to Introduce Hex Fluide MMIS #1 of Files Liquefection Company LLC and Southern LNC Company LLC under CF

#### Objective: Remove Features that Provide Limited Value

#### **Consolidated Docket Search**

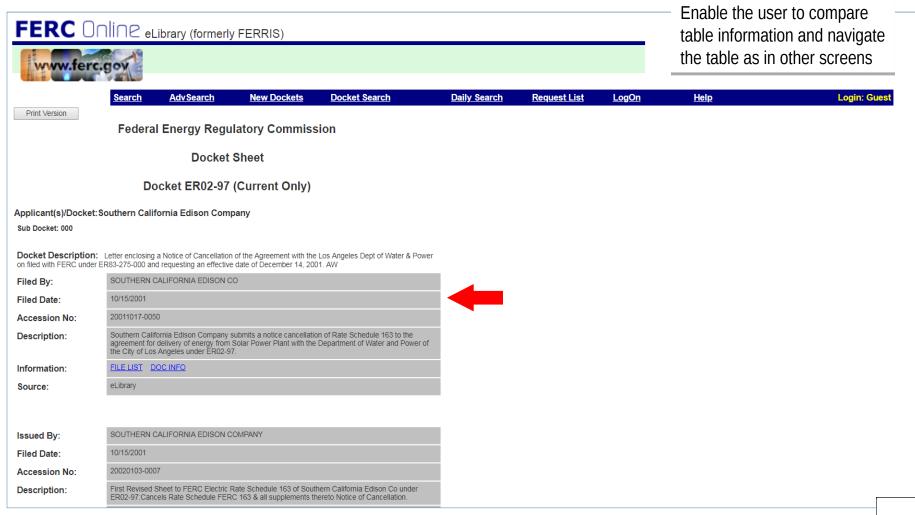
Remove Consolidated search which is no longer supported



Increase contrast and

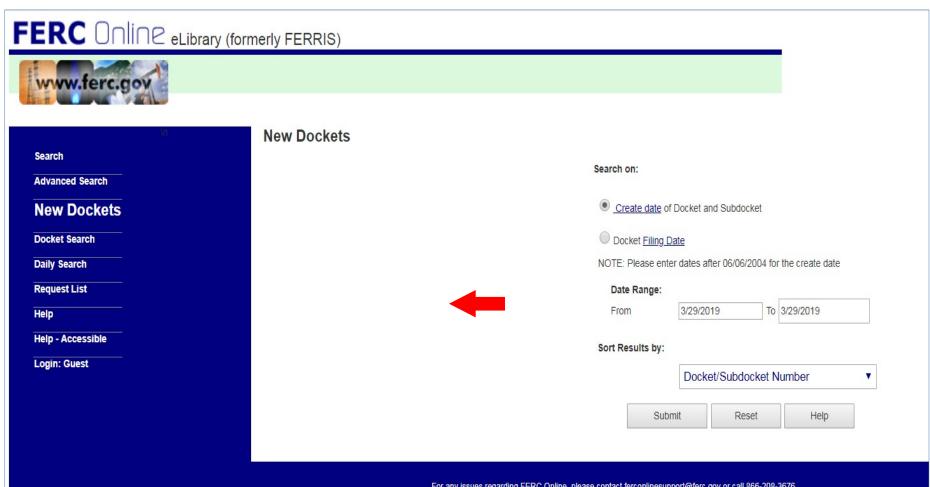
reduced the need to scroll.

#### **Docket Search Results**



#### **New Docket Search**

Reduce wasted space



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#### New Docket Search Results

FERC Online eLibrary (formerly FERRIS)

Increase contrast and reduced the need to scroll. Enable the user to navigate the table as in other screens



36

Adv Search

**New Dockets** 

**Docket Search** 

**Daily Search** 

Request List

Help

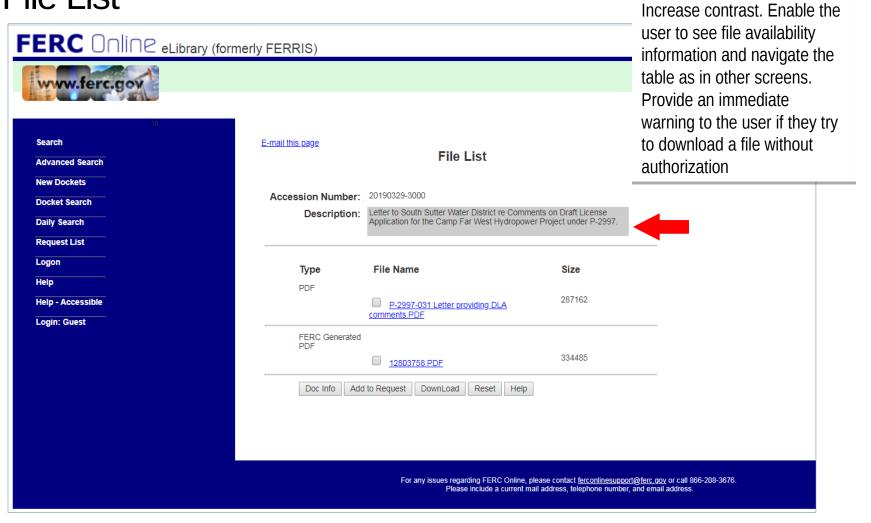
Login: Guest

**New Dockets Results** 

Click here to eSubscribe to a Docket

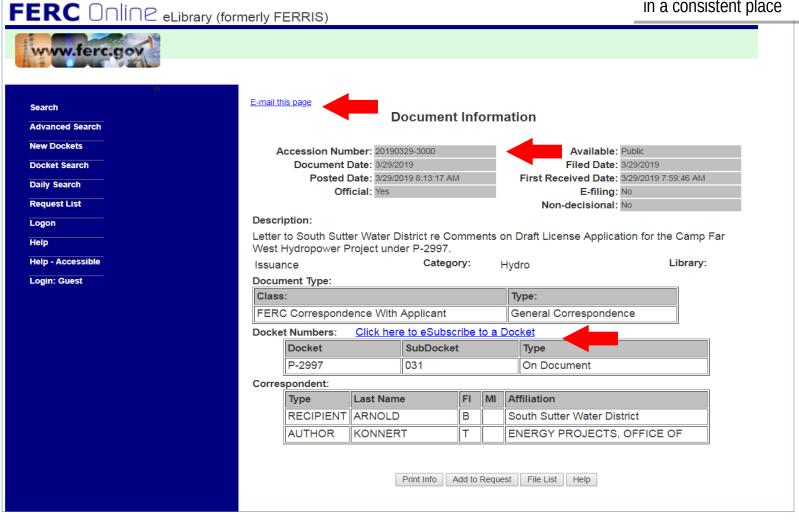
Docket/ SubDocket	Creation date	Filed date	Docket Description	Applicants	Docket Sheet Link
EC19-10-001	3/29/2019	3/26/2019	Supplemental Notice of Consummation and Informational Filing	Clean Energy Future - Lordstown, LLC, Perennial Lordstown, LLC	Docket Sheet
EC19-72-000	3/29/2019	3/28/2019	Joint Application for Authorization Under Section 203 of the Federal Power Act	Northern States Power Company, a Minneso, Lake Benton Power Partners II, LLC	<u>Docket Sheet</u>
ER10-2422- 006	3/29/2019	3/28/2019	Notice of Non-Material Change in Status	Rocky Mountain Power, LLC	Docket Sheet
ER19-1468- 000	3/29/2019	3/29/2019	New York Independent System Operator, Inc. submits tariff filing per 35.13(a)(2)(iii): 205 Cost Reimbursement Agreement (SA 2448) NMPC and NYPA submitted on 3/29/2019 6:39:24 AM, Filing Type code: 10	Niagara Mohawk Power Corporation, New York Independent System Operator, In	Docket Sheet
ER19-1469- 000	3/29/2019	3/29/2019	New England Power Pool Participants Committee submits tariff filing per 35.13(a)(2)(iii): April 2019 Membership Filing submitted on 3/29/2019 10:09:38 AM, Filing Type code: 10	New England Power Pool Participants Comm	Docket Sheet
ER19-1470- 000	3/29/2019	3/29/2019	ISO New England Inc. submits tariff filing per 35.13(a) (2)(iii): Emera Maine; Changes to ISO-NE OATT Schedule 21-EM submitted on 3/29/2019 9:54:46 AM, Filing Type code: 10	ISO New England Inc., Emera Maine	<u>Docket Sheet</u>

#### File List



#### **Document Info**

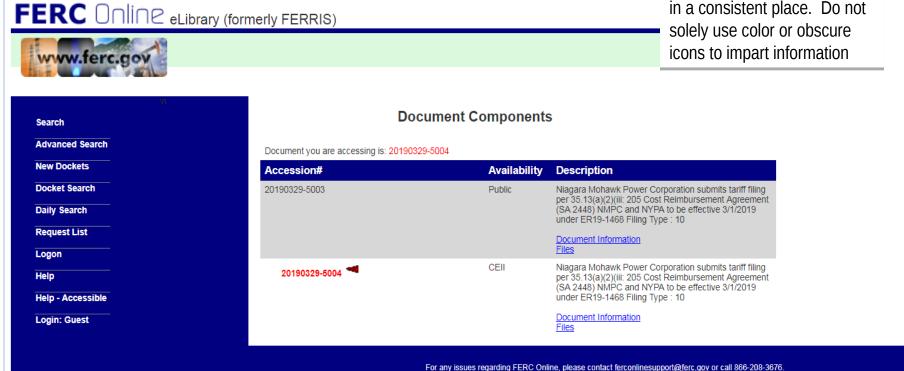
Increase contrast and improve layout. Locate links in a consistent place



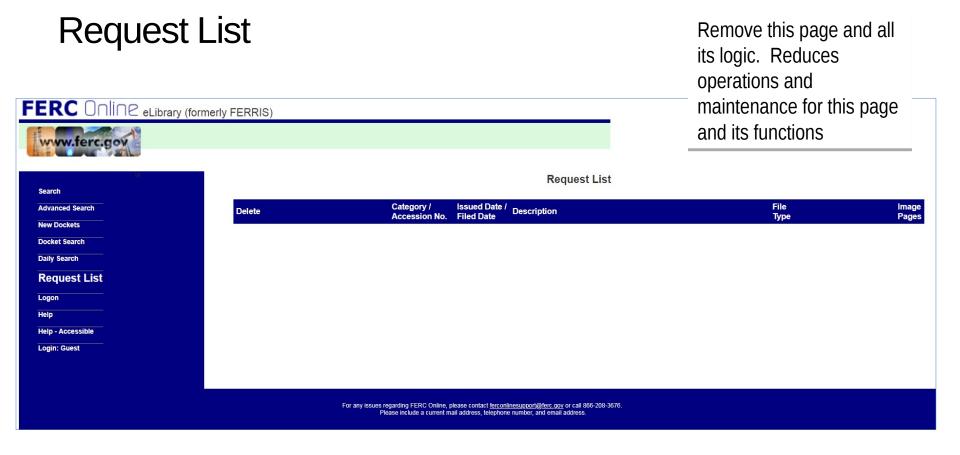
Please include a current mail address, telephone number, and email address.

### Component Document

Increase contrast and improve layout. Locate links in a consistent place. Do not solely use color or obscure



#### Objective: Remove Features that Provide Limited Value



# Coming Soon! The New eLibrary



## **Enhancements to Search**

- Five Search Screens are consolidated into one
- No scrolling is required to submit the search form
- A primary button allows the user to submit the query by hitting Enter
- Controls are simplified to better adapt to changes in resolution and screen size
- Keyword search is enhanced to return or refine matches
- Data relationships in the search criteria are enforced to reduce human error
- The new sub docket multi-select lookup selector simplifies the selection process

## **Enhancements to Search Results**

- Files can be consolidated into a PDF and downloaded with one menu selection
- Files can be zipped with one click of an icon or a menu selection
- All screen clutter was removed
- The new Preferences feature allows users to customize the search result
- The new Column Selection feature allows the user to add or remove columns from the search result
- The new Sortable columns make it easier to sort results

## **Enhancements to Search Results**

- The new indexing feature allows the user to refine the search result without performing a new query
- Search results can be organized based on relevance to the search criteria
- Filenames are displayed to makes file selection easier
- Advanced table pagination controls and row management makes navigating a large search result easier
- Rows per page selector makes reviewing data a breeze
- New table expansion capabilities reduce the need for drilling down to sub-screens
- Rules are applied when downloading the zip to protect against performance issues related to large files
- User can control whether the result is organized by accession or docket number

# Enhancements to Security

- Links to Non-public files are disabled for unauthorized users
- The login link which authorizes users to access non-public files is hidden from unauthorized users.
- The system checks for session status and authentication prior to initiating file downloads
- The new User Interface layout makes the availability status files readily apparent
- Future Releases: Single Sign On may be implemented to improve security and support an better user experience

## Removal of Undesired Features

- Both Help features were consolidated into one simplified, downloadable document
- The Guest Login feature was removed
- The file Request List feature was removed
- The View Files feature which increased complexity and added little value was removed

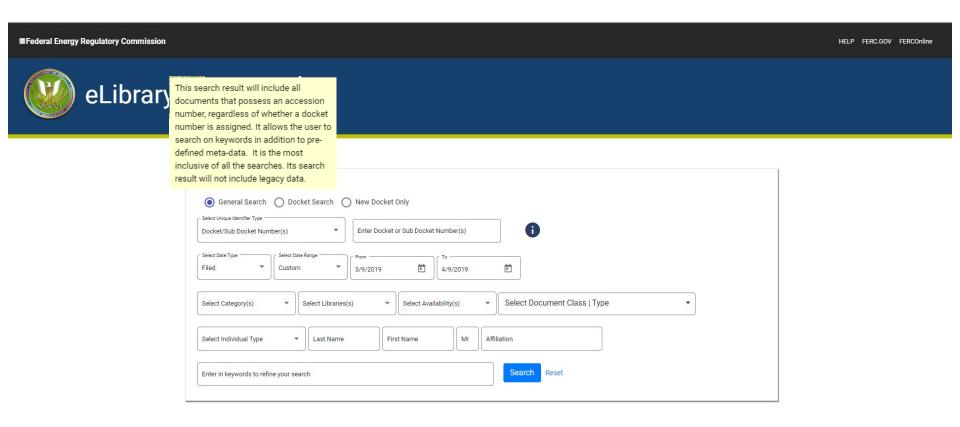
# Enhancements to Navigation

- All navigation links and screen labels match
- All navigation elements are in a fixed location on all screens to facilitate recognition
- The login screen was changed to a pop-up to eliminate the need for the user to navigate away from their current screen in order to login

#### Consolidated Search Screen



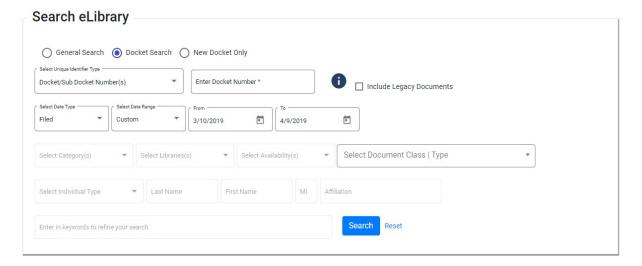
## Improved Field Level Help Features



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#### **Docket Search**



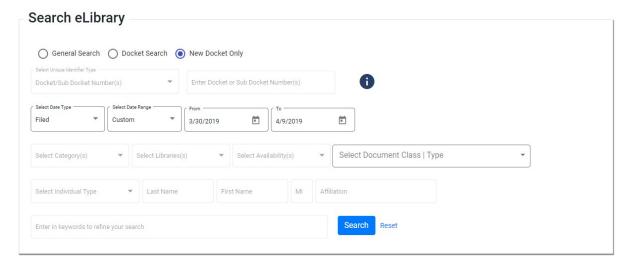


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Please include a current mail address, telephone number, and email address.

#### New Docket Search

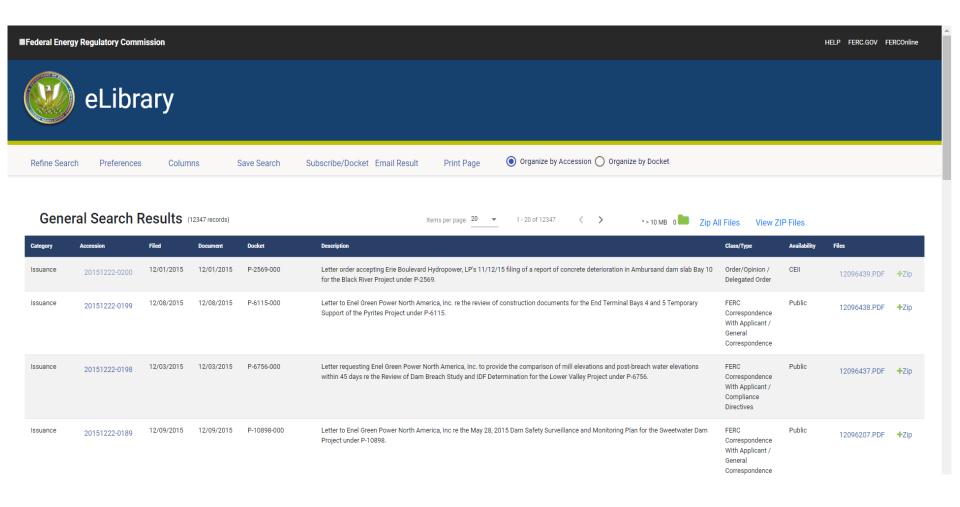




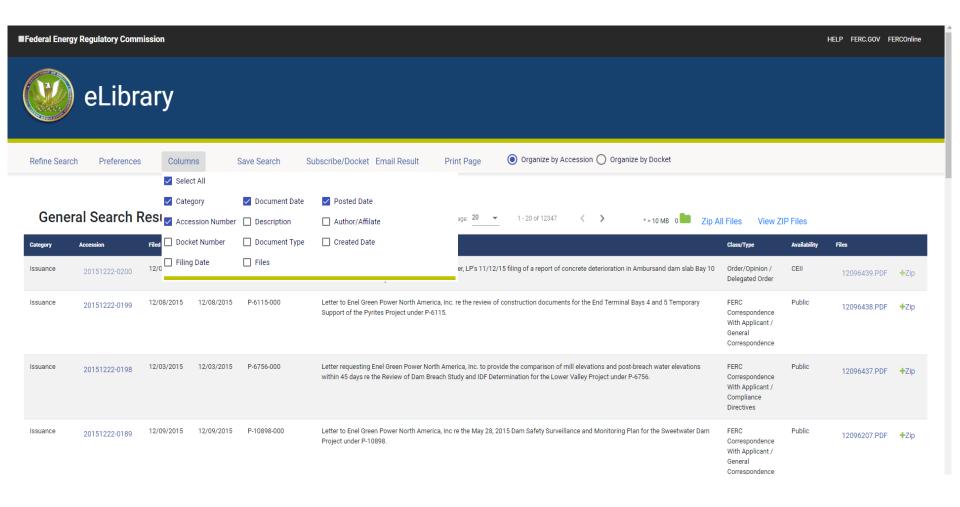
For any issues regarding FERC Online, please contact ferconlinesupport@ferc.gov or call 866-208-3676.

Please include a current mail address, telephone number, and email address.

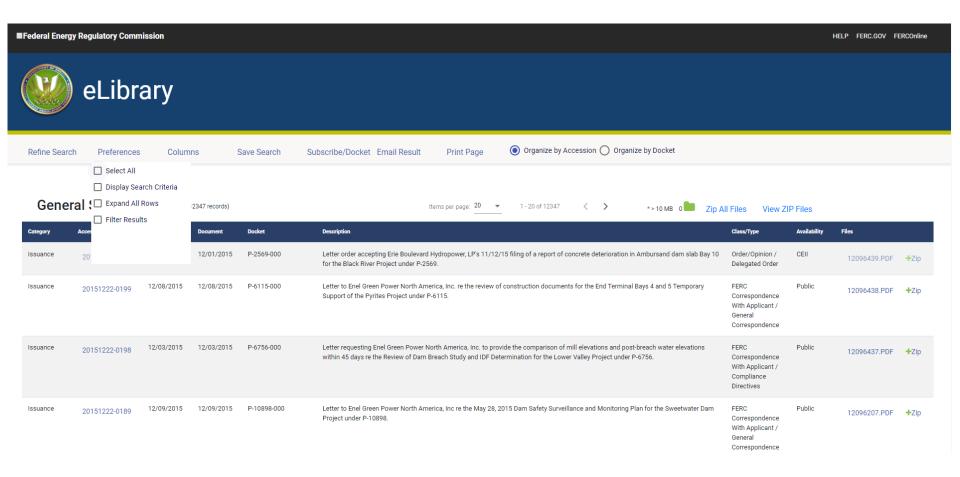
#### General Search Result



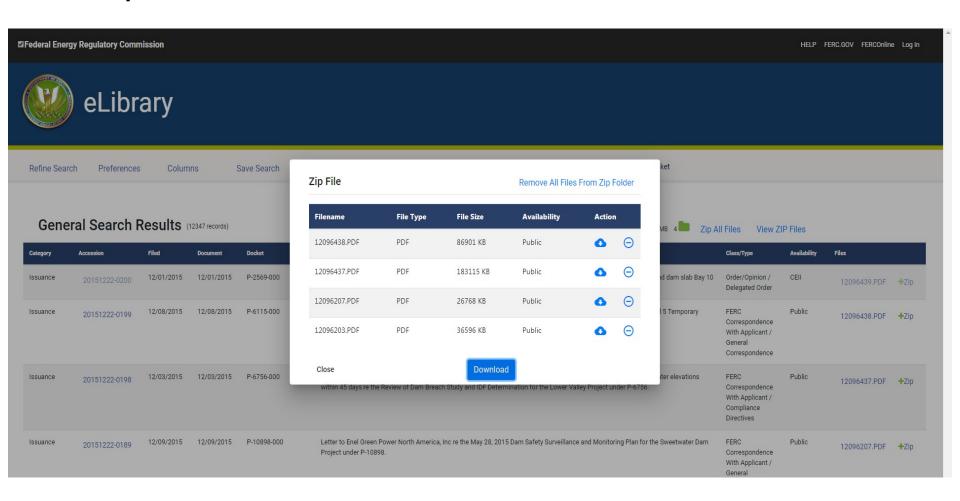
#### New Column Selection Feature



#### New Preferences Feature



## New Zip Folder



#### **Docket Sheet**

■Federal Energy Regulatory Commission

HELP FERC.GOV FERCOnline



Refine Search

Subscribe to a Docket Email Result Print Page

#### Docket Sheet for Docket er11-4046

#### **Docket Details**

Filed: 3/12/00 - 5/10/19

Applicant(s): Gratiot County Wind II LLC

Description: Gratiot County Wind II LLC submits tariff filing per 35.1: Application For Market-Based Rate Authorization and

Requested Waivers & Approval submitted on 7/13/2011 3:16:23 PM

Category	Filed By	Filed	Sub-Docket	Accession No	Description	Source
Filed By	Gratiot County Wind II LLC	07/13/2011	000	20110713-5126	Gratiot County Wind II LLC submits tariff filing per 35.1: Application For Market-Based Rate Authorization and Requested Waivers & Approval to be effective 9/12/2011 under ER11-4046 Filing Type: 390	eLibrary
Issued By	SECRETARY OF THE COMMISSION, FERC	07/14/2011	000	20110714-3004	Combined Notice of Filings #1, July 14, 2011: This notice contains information concerning multiple filings received by FERC.	eLibrary
Issued By	SECRETARY OF THE COMMISSION, FERC	07/15/2011	000	20110715-3002	Supplemental notice that initial market based rate filing includes Request for Blanket Section 204 Authorization re Gratiot County Wind II, LLC under ER11-4046.	eLibrary
Issued By	OFFICE OF ENERGY MARKET REGULATION OFFICE OF ENERGY MARKET REGULATION	08/16/2011	000	20110816-3002	Letter order accepting Gratiot County Wind LLC's et al 7/13/11 et al filing of application's for market-based rate authority each with an accompanying tariff under ER11-4044 et al.	eLibrary
Filed By	Gratiot County Wind II LLC	07/14/2011	001	20110714-5024	Gratiot County Wind II LLC submits tariff filing per 35.17(b): Supplement to Market-Based Rate Application to be effective 9/12/2011 under ER11-	eLibrary

We hope you like the new eLibrary. Please take a moment to provide feedback <a href="here">here</a>