M-RETS

M-RETS Enhancement Fund Update

February 26, 2014

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Enhancement Fund

	Enhancements	Applied to $20,000 Annual Budget	Enhancement Fund Total
M-RETS Enhancement Fund			250,000
2011	20,129	20,000	
2012	9149.1	9149.1	
2013	112,160	20,000	
2014	4480	4480	
Total	**145,918.1**	**53,629**	**157,711**
After M-RETS 12.0 Release (March 2014)	45,280	20,000	127,951

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M-RETS 12.0 OVERVIEW

February 26, 2014

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M-RETS 12.0 Overview

- **In March 2014, M-RETS 12.0 will be modified with several changes to:**
  - Retirement Options
  - WI Compliance Process
  - Regulator reports

- **Change Requests in M-RETS 12.0**

Change Request Number	Change Request Name
0030	Column Headings Data Book
0046	Eliminate RRC Conversion and RRC functionality and change to REC retirement for WI RPS Compliance
0049	Reports and Fields for Regulatory, Public, and Voluntary Use
0057	Improve WI Regulator Reports for Reports to Legislature
0059	Improving Voluntary Retirement Data

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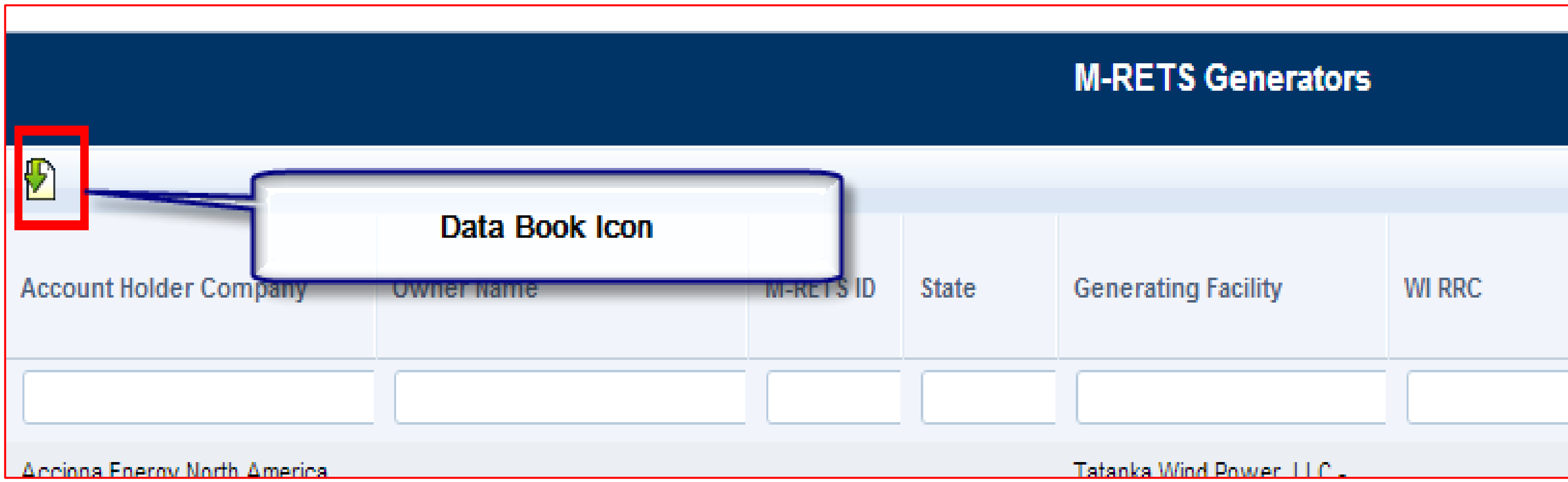
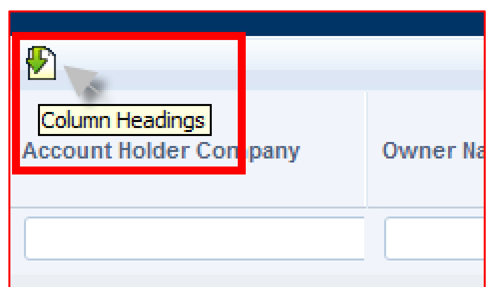
M-RETS 12.0 Overview

- **CR 30 Column Headings and Data Book Downloads**
  - A 'Column Heading' Data Book for all reports can be accessed using a new Icon at the top left of all reports





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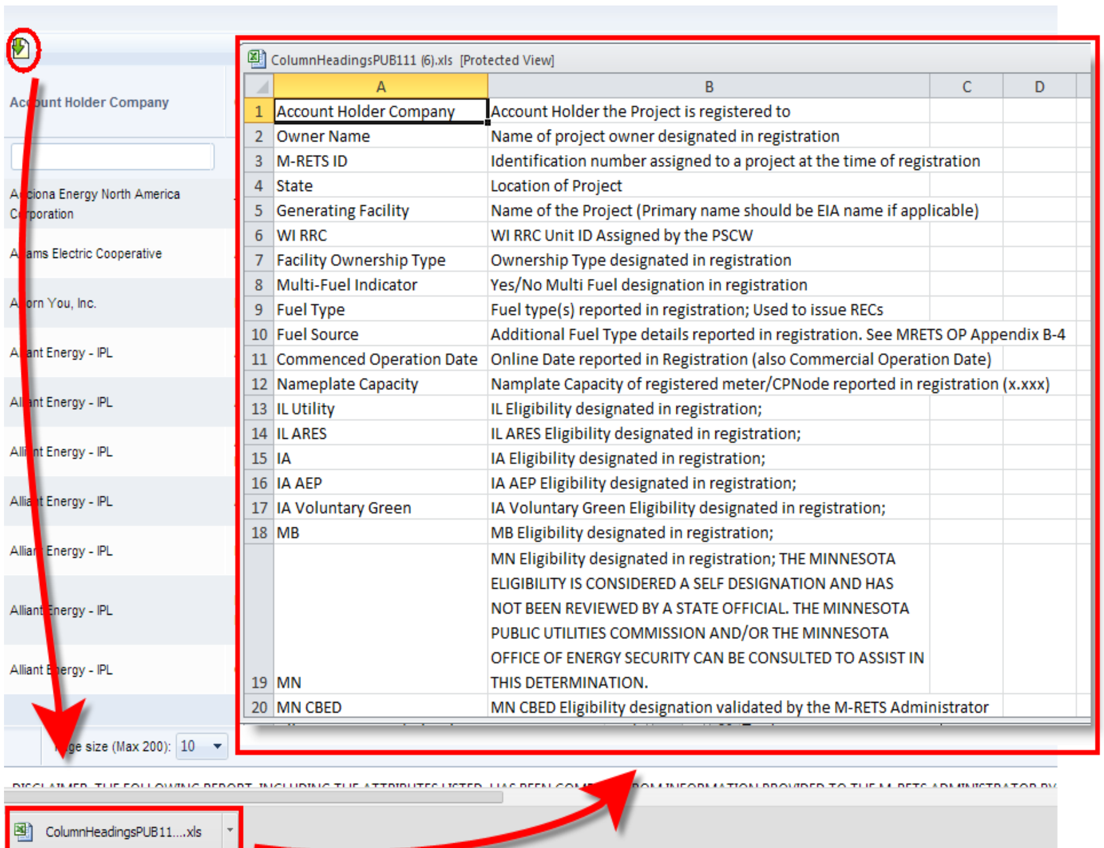
M-RETS 12.0 Overview

- **CR 30 Column Headings and Data Book Downloads**
  - A ‘Column Heading’ Data Book will download an Excel file with a description of each column



	A	B	C	D
1	Account Holder Company	Account Holder the Project is registered to		
2	Owner Name	Name of project owner designated in registration		
3	M-RETS ID	Identification number assigned to a project at the time of registration		
4	State	Location of Project		
5	Generating Facility	Name of the Project (Primary name should be EIA name if applicable)		
6	WI RRC	WI RRC Unit ID Assigned by the PSCW		
7	Facility Ownership Type	Ownership Type designated in registration		
8	Multi-Fuel Indicator	Yes/No Multi Fuel designation in registration		
9	Fuel Type	Fuel type(s) reported in registration; Used to issue RECs		
10	Fuel Source	Additional Fuel Type details reported in registration. See MRETS OP Appendix B-4		
11	Commenced Operation Date	Online Date reported in Registration (also Commercial Operation Date)		
12	Nameplate Capacity	Namplate Capacity of registered meter/CPNode reported in registration (x.xxx)		
13	IL Utility	IL Eligibility designated in registration;		
14	IL ARES	IL ARES Eligibility designated in registration;		
15	IA	IA Eligibility designated in registration;		
16	IA AEP	IA AEP Eligibility designated in registration;		
17	IA Voluntary Green	IA Voluntary Green Eligibility designated in registration;		
18	MB	MB Eligibility designated in registration;		
19	MN	MN Eligibility designated in registration; THE MINNESOTA ELIGIBILITY IS CONSIDERED A SELF DESIGNATION AND HAS NOT BEEN REVIEWED BY A STATE OFFICIAL. THE MINNESOTA PUBLIC UTILITIES COMMISSION AND/OR THE MINNESOTA OFFICE OF ENERGY SECURITY CAN BE CONSULTED TO ASSIST IN THIS DETERMINATION.		
20	MN CBED	MN CBED Eligibility designation validated by the M-RETS Administrator		

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M-RETS WI Compliance Process

- **CR 46 Eliminate RRC Conversion and RRC Functionality**
  - In March 2012, the M-RETS 12.0 release modified the WI compliance process to allow WI providers to use retirement subaccounts accounts to conduct WI RPS compliance
  - M-RETS 12.0 eliminates the need for RRC conversion and the use of RRC subaccounts
  - RRCs that exist at the time of this change that are eligible for use in future years for WI compliance will be maintained and be used for future WI compliance to the extent they are WI eligible

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WI Compliance Process

Compliance Timeline

Report Retail Sales	Retail Sales Report	January - April
Retire Wisconsin Eligible RECs into Designated Retirement Subaccount	Certificate Transfer	Before April 15th

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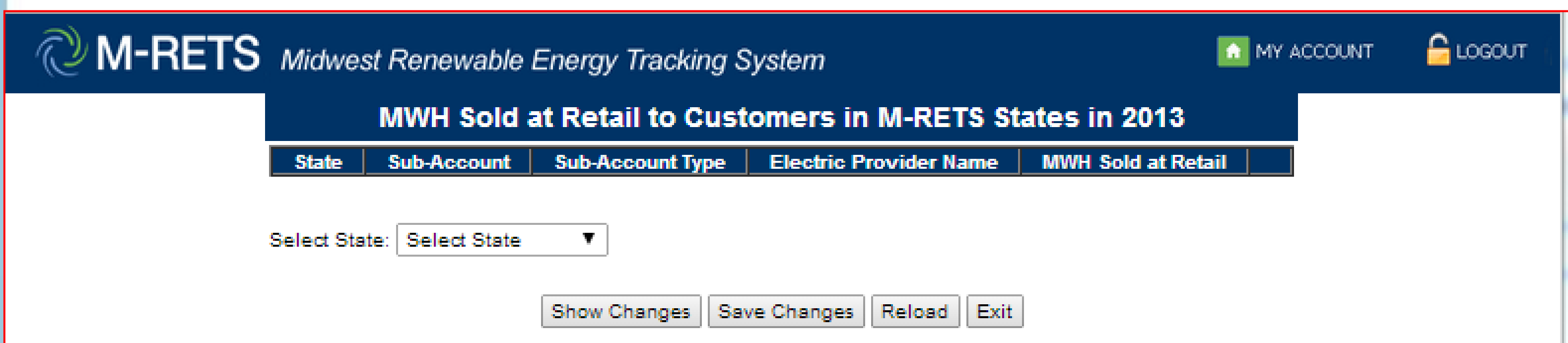
WI Compliance Process

- **Step 1: Report Retail Sales**
  - Retail Sales are reported using the Retail Sales Report



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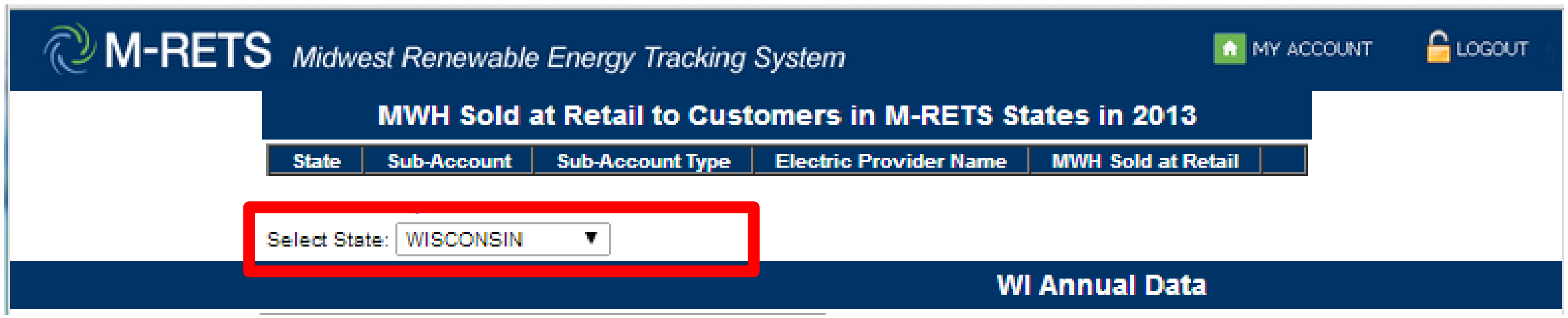
WI Compliance Process

- **Step 1: Report Retail Sales**
  - Select ‘Wisconsin’ in the state selection from the Retail Sales Report



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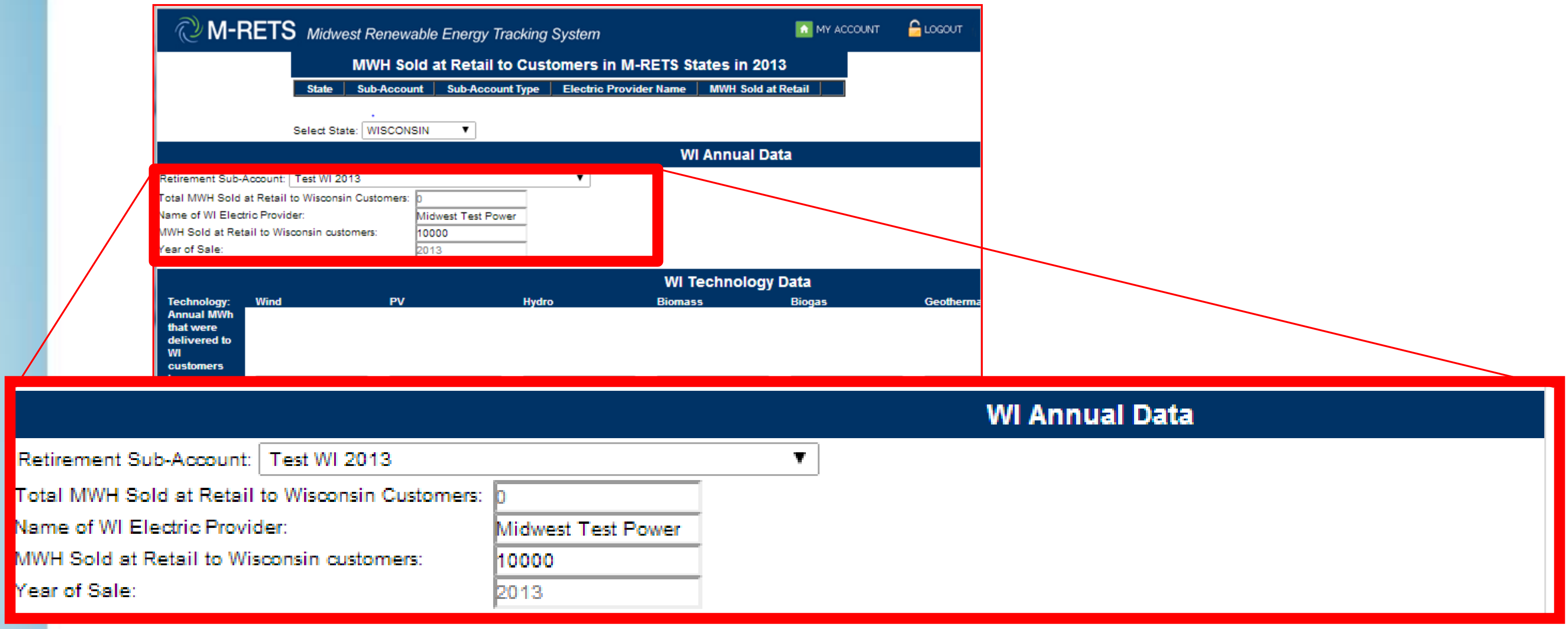
WI Compliance Process

- **Step 1: Report Retail Sales**
  - Selecting 'Wisconsin' will activate fields to complete: **WI Annual Data** and **WI Technology Type**



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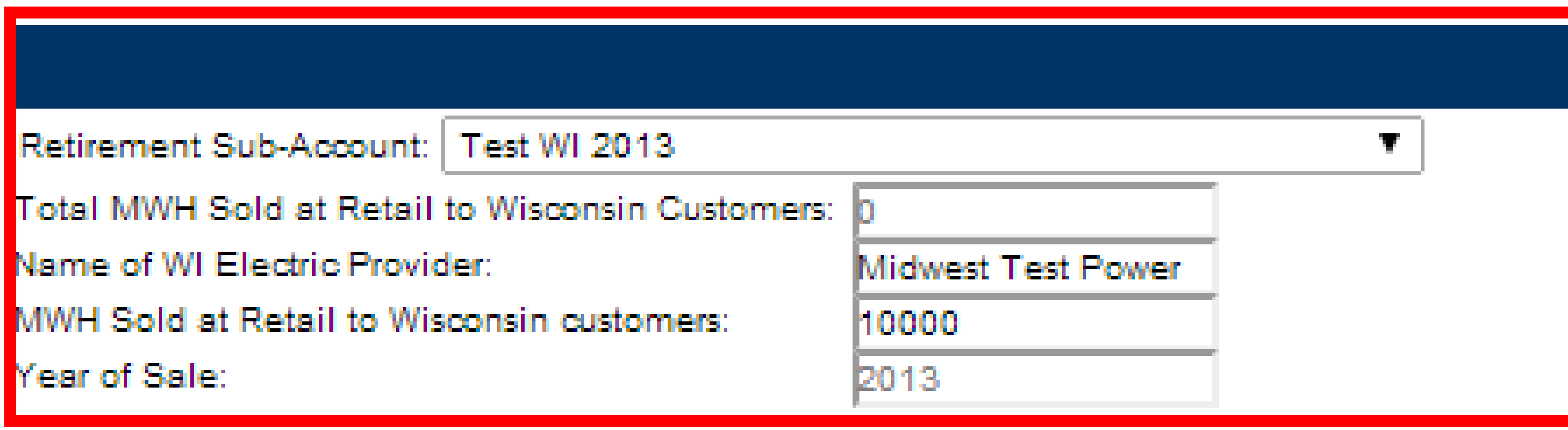
WI Compliance Process

- **Step 1: Report Retail Sales**
  - Choose the WI Retirement Subaccount setup for WI Compliance Retirements
  - **WI Electric Providers must use the same Retirement subaccount each year to calculate the retail sales 3 year average**
  - Designate the **'Name of the WI Electric Provider'**
  - Report **'MWH Sold at retail to Wisconsin customers'**



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WI Compliance Process

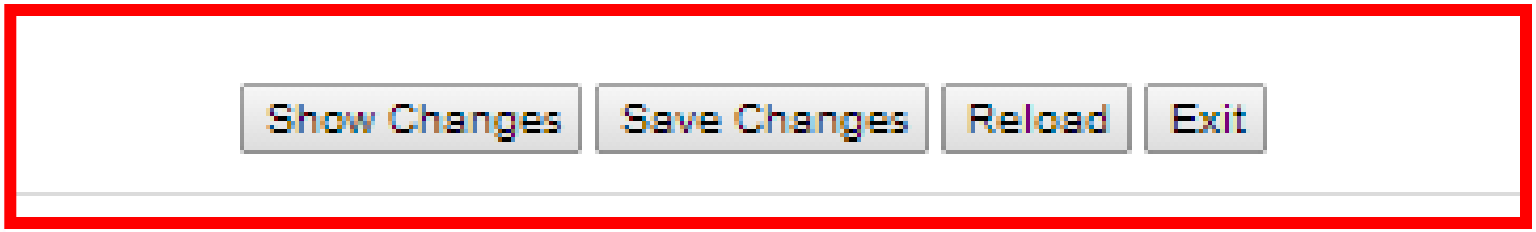
- **Step 1: Report Retail Sales**
  - Report the MWh delivered to WI customers by Renewable Technology Type

WI Technology Data

Technology:	Wind	PV	Hydro	Biomass	Biogas	Geotherma
Annual MWh that were delivered to WI customers by renewable technology type (Compliance and Voluntary):	5000	5000	0	0	0	0

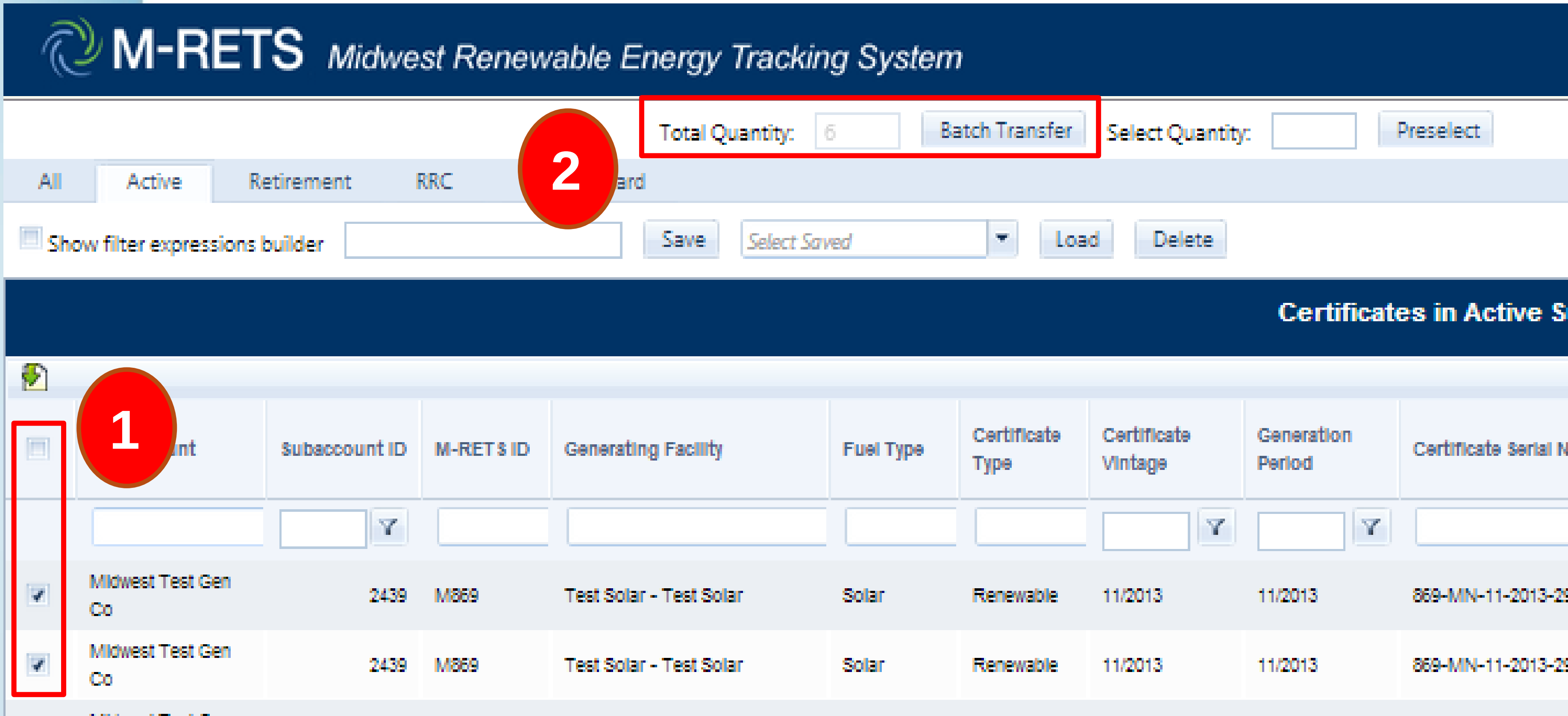
WI Compliance Process

- **Step 1: Report Retail Sales**
  - Save changes to this report by selecting the ‘**Save Changes**’ Button



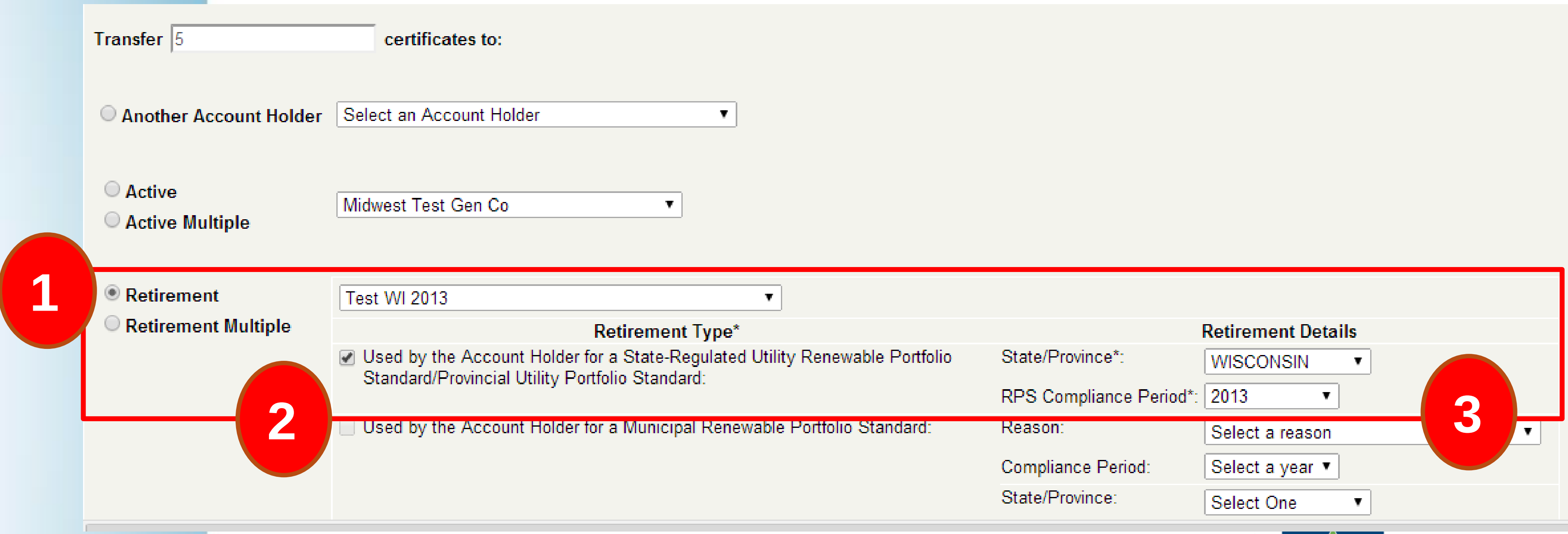
WI Compliance Process

- **Step 2: Transfer RECs to Compliance Retirement Subaccount**
  - Designate the RECs in an active subaccount using the check boxes on the left hand side of the Active Subaccount report
  - Select '**Batch Transfer**' at the top of the screen to initiate the transfer



WI Compliance Process

- **Step 2: Transfer RECs to Compliance Retirement Subaccount**
  - Designate the Retirement Transfer and Retirement Subaccount(1)
  - Designate Retirement Type ‘**Used by the Account Holder for a State-Regulated Utility Renewable Portfolio Standard’ (2)**
  - Designate State (Wisconsin) and RPS Compliance Period (3)



WI Compliance Process

- **Step 3: RRC Status Report (Account Holder Report) and RRC Program Report (Public)**
  - Using 3 Year Retail Sales Average and RPS Baseline, the RPS Requirement will display the quantity of RECs needed for the current compliance year
  - Only Subaccounts with reported retail sales will be displayed on this report
  - Previous Years compliance will continue to display the RRC Subaccounts
  - Contact the M-RETS Administrator if the Average Sales for the Previous 3 Years or Baseline values are not correct: MRETS@apx.com

RRC Status

Refresh

Sub-Account ID	Sub-Account Name	Retail Sales for Selected Year	Average Sales for Previous 3 Years	Sum of Qualified Renewables	Total RRCs	Total Retirement	Total Retirements Adjusted WI Compliance Value	RPS Requirement	Baseline RPS	Total Retirement - RPS Requirement	RRC Transfers to Other Electric Providers	RRC Transfers from Other Electric Providers	Current RRC Status
2353	Test WI 2013	10,000.00	11,000.00	10,000.00	0.00	6.00	6.000	977.90	8.89	-977.90	0.00	0.00	0.00

Page: 1 of 1 Go Page size: 1 Change Item 1 to 1 of 1

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WI Compliance Process

<u>Tips</u>

- **Retirement Subaccounts have been setup for every WI Electric Provider following the naming method:**

  [WI Electric Provider] [WI RPS]

- **Historic Retail Sales have been prepopulated based on 2012 RRC Subaccounts**
- **Retail Sales must be reported using the same Retirement Subaccount for the WI Electric Provider each year to calculate the RPS Requirement**
- **REC Retirements must be submitted to the same Retirement Subaccount each year**

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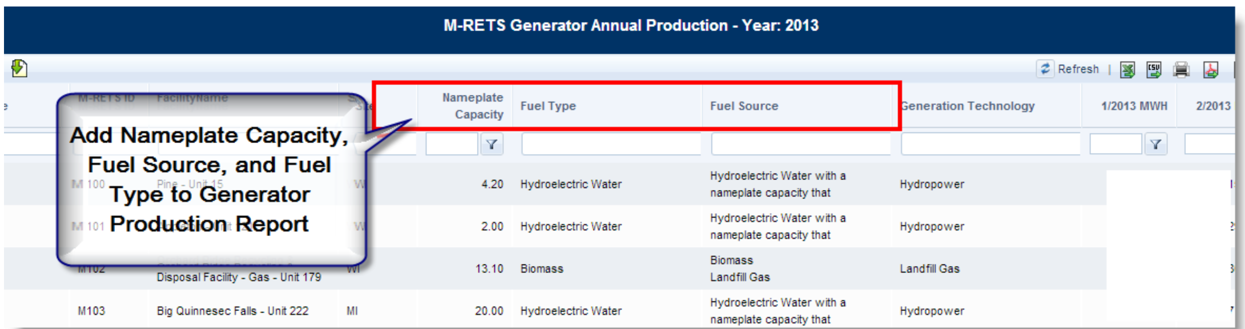
M-RETS 12.0 Overview

- **CR 49 REPORTS AND FIELDS FOR REGULATORY, PUBLIC, AND VOLUNTARY USE**
  - State, Nameplate Capacity, Fuel Source, Generation Technology and Fuel Type columns added to Regulator and Account Holder Reports
    - Generator Program Eligibility Reports
    - Generator Production Reports



  - Added Anaerobic Digestion to each Biomass Fuel Source in the Project Registration Screen

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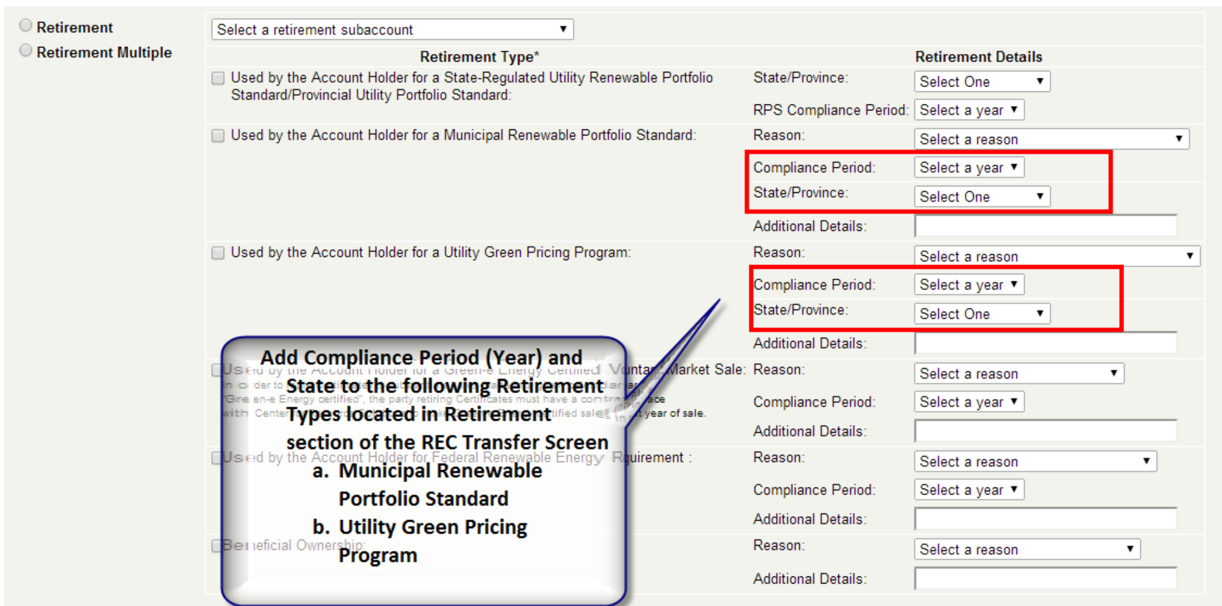
M-RETS 12.0 Overview

- **CR 57 IMPROVE WI REGULATOR REPORTS FOR REPORTS TO LEGISLATURE**
  - Add Compliance Year and State to the Retirement Type details:
    - Municipal Renewable Portfolio Standard
    - Utility Green Pricing Program



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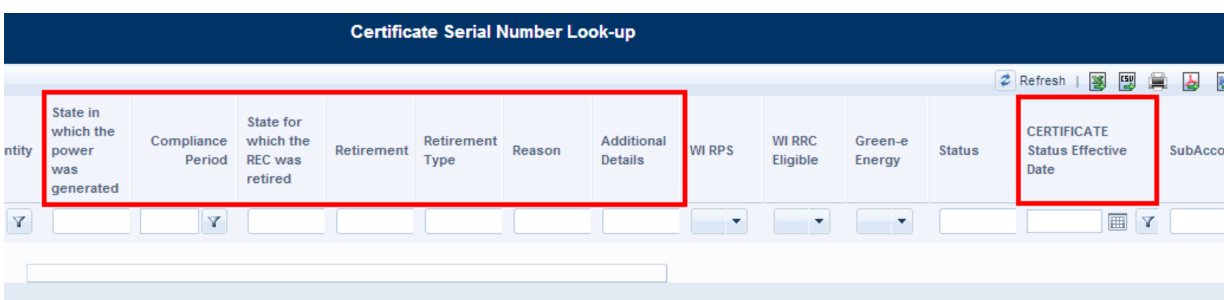
M-RETS 12.0 Overview

- **CR 57 IMPROVE WI REGULATOR REPORTS FOR REPORTS TO LEGISLATURE**
  - Regulator Reports adjustments:
    - Certificate Look Up Report can now cross reference all retirement details with:
      - State (Location - State in which the power was generated
      - Date the REC was retired (Certificate Status Effective Date
      - Compliance Period
      - Compliance State - State for which the REC was retired
      - Retirement (Compliance/Voluntary)
      - Retirement Type
      - Retirement Reason
      - Additional Details



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M-RETS 12.0 Overview

CR 59 Improving Voluntary Retirement Data

- **Retirement types that were removed from M-RETS:**
  - Other
  - Other Regulatory Program
  - Green Electricity Product
  - REC-Only Product

- **Retirement Types that were added to M-RETS:**
  - Beneficial Ownership
  - Green-e Energy Certified Voluntary Market Sale
  - Used By the Account Holder for Federal Renewable Energy Requirement

M-RETS 12.0 Overview

- **CR 59 Improving Voluntary Retirement Data**
  - Account Types that can access Retirement Types

Account Type	RPS	Municipal RPS	Utility Green Pricing Program	Green-E	Federal	RRC	Beneficial Ownership
General	x	x	x	x	x	x	x
Retail Purchaser			x	x			x
Project			x	x			x
Small Project			x	x			x
Micro Project			x	x			x

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M-RETS 13.0 OVERVIEW

February 26, 2014

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M-RETS 13.0 Overview

Task	Description
61 - Previous Page	Report actions should not return user to home screen
62 - Universal Navigation Bar	New tool at the top of every screen to improve report navigation
39 - Accept Generation Uploads for Multiple Facilities	Improve efficiency of accepting generation
41- Registration Review Date Modification	Allow Account Holder to modify Project Annual Review Date
0043 - Edit Volumes in Transfer Confirmation Page	Allow edits to volumes in Transfer Confirmation Page
55 - Invoice Detail Report-Include Vintages	Add REC Vintages to Invoice Detail Report

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Questions?

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M-RETS Compliance Training

February 26, 2014

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Overview

- Overview of the Process for Retiring Certificates for State REO/RES/RPS
- General Instructions for Certificate Retirement
  - Create New Sub-accounts for Retirement
  - Retirement Process

Overview of the Process for Retiring Certificates for State REO/RES/RPS

- All certificates used for compliance must be retired into a retirement sub-account
- A default retirement sub-account is provided to each account holder
- New retirement sub-accounts can be created for each Compliance Year, State and Electric Service Provider. The name of the sub-account should be as specific as possible to clearly identify the retired certificates deposited within the retirement sub-account.
  - For example, if you want to retire for Minnesota compliance, you should name the retirement sub-account 'Minnesota 2009'
  - Please consult with your state regulator for subaccount naming prefrences

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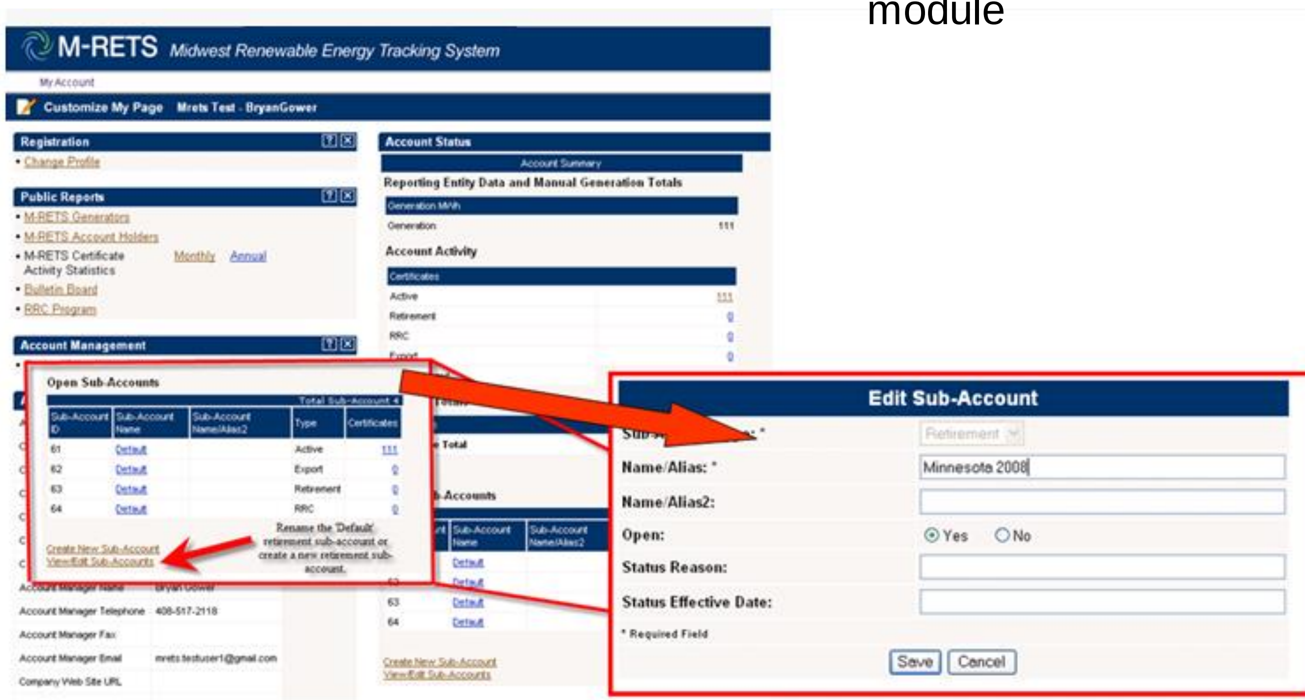
General Instructions for Certificate Retirement
Create New Sub-accounts for Retirement

Sub-accounts can be accessed, edited and added from the **Account Status – Edit Sub-Account** module located on your Account Dashboard

Retirement and active sub-accounts can be added using the **Create New Subaccount** link at the bottom of the module



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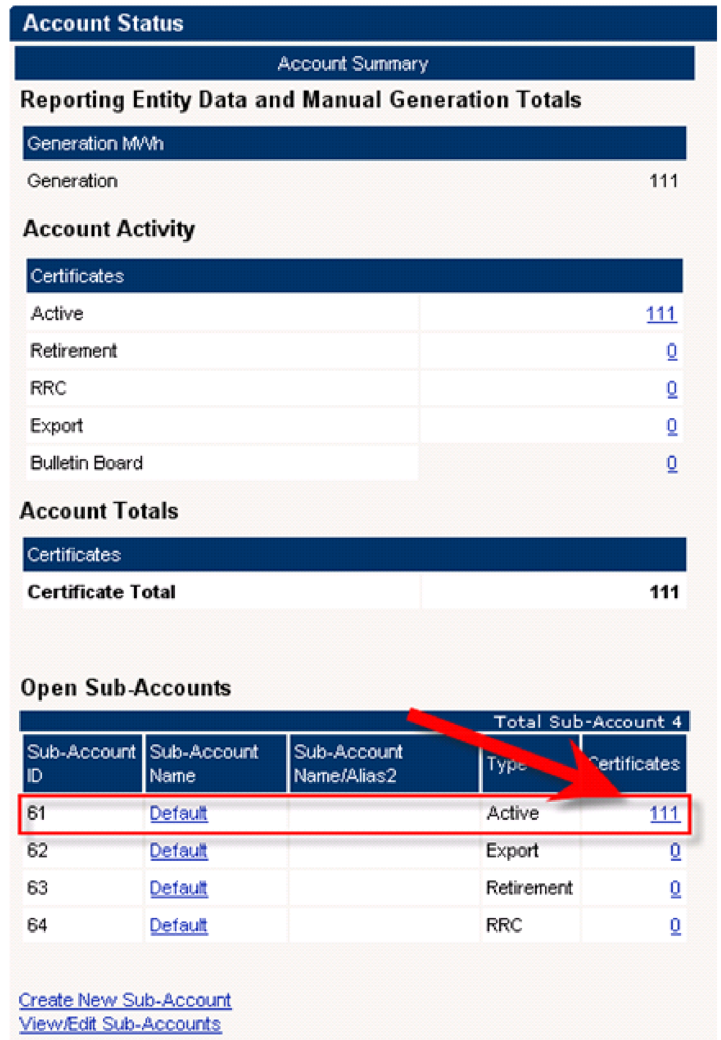
General Instructions for Certificate Retirement
Retirement Process



Account Status

Account Summary

Reporting Entity Data and Manual Generation Totals

Generation MWh	
Generation	111

Account Activity

Certificates	
Active	111
Retirement	0
RRC	0
Export	0
Bulletin Board	0

Account Totals

Certificates	
Certificate Total	**111**

Open Sub-Accounts

Total Sub-Account 4

Sub-Account ID	Sub-Account Name	Sub-Account Name/Alias2	Type	Certificates
61	Default		Active	111
62	Default		Export	0
63	Default		Retirement	0
64	Default		RRC	0

Create New Sub-Account
View/Edit Sub-Accounts

Retirement Process Step 1

Access an active Subaccount by selecting the hyperlinked quantity next to the sub-account name located within the **Account Status** module

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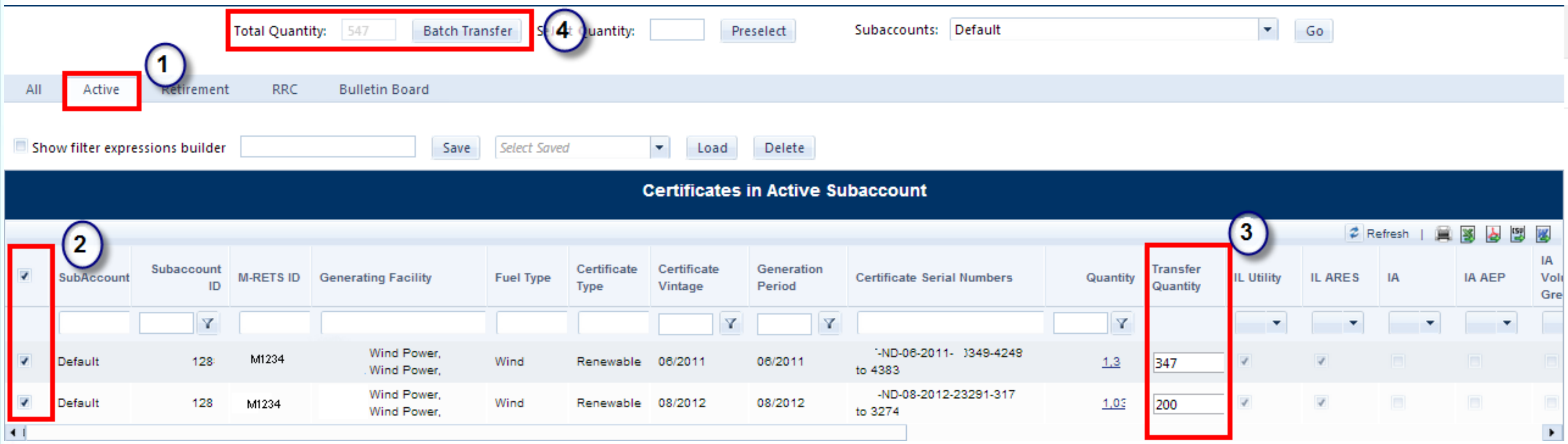
General Instructions for Certificate Retirement
Retirement Process



Retirement Process Step 2: Initiate Transfer

1) From the Active Certificate Disposition Report, designate the RECs to be Transferred
2) REC Batches are designated using the check boxes in the first column
3) Quantity can be adjusted in the Transfer Quantity Tab
4) Initiate Transfer using the Batch Transfer button at the top of the Screen

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General Instructions for Certificate Retirement
Retirement Process

Transfer Certificates

Certificate Serial Numbers	Quantity	Transfer Quantity	Adjusted Quantity	Generating Facility	Fuel Type	Vintage	Illinois Utility	Illinois ARES	Iowa	Iowa AEP	Iowa Voluntary Green	Manitoba	Minnesota	Minnesota CBED	Montana
-ND-08-2011-16349-42490 to 43838	1349	347	347	Wind Power, LLC - Wind Power, LLC	Wind	6/2011	Yes	Yes	No	No	No	No	Yes	No	No
-ND-08-2012-23291-31717 to 32746	1030	200	200	Wind Power, LLC - Wind Power, LLC	Wind	8/2012	Yes	Yes	No	No	No	No	Yes	No	No

Transfer 547 certificates to:

Retirement Process Step 3: Review Batches Transfer

1) Review Quantity of RECs being transferred by batch in the **Transfer Quantity Column** at the top of the **Transfer Certificates** review screen
    a) The **Transfer Certificates** review screen can be sorted (single column) by selecting the column name
2) Review Total RECS being transferred in the **Transfer [____] Certificates** below the review screen

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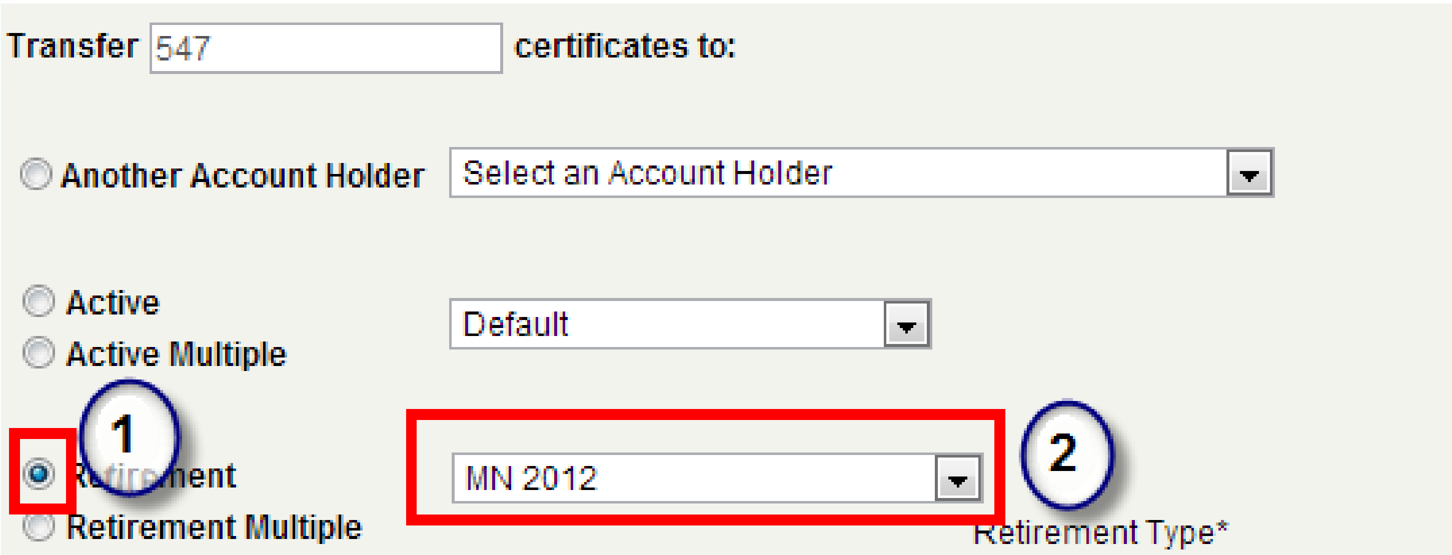
General Instructions for Certificate Retirement
Retirement Process



Designate Type of Retirement Step 4

1) Select retirement button at the bottom of the **Transfer Certificates** review screen
2) Choose a sub-account in the **Retirement Subaccount** dropdown

General Instructions for Certificate Retirement Retirement Process

Designate Type of Retirement Step 4 (cont.)

3. Choose Retirement Type
   a) State/Province other than WI should choose **Used by the Account Holder for a State-Regulated Utility Renewable Portfolio Standard/Provincial Utility Portfolio Standard**

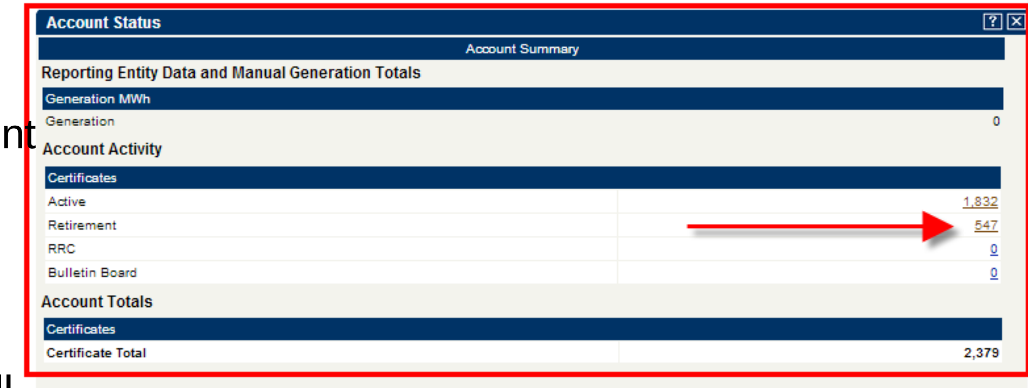
General Instructions for Certificate Retirement
Retirement Process

Designate Type of Retirement Step 4 (cont.)

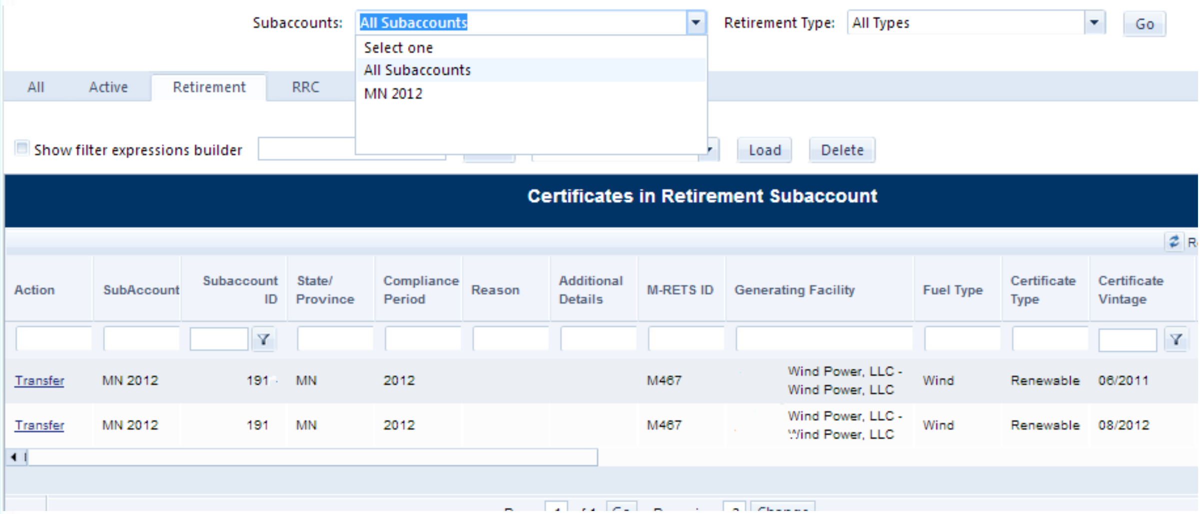
4. Designate Retirement details for Retirement type
   a) State-Regulated Utility Renewable Portfolio Standard retirement type will designate **State/Province** and **RPS Compliance Period**

General Instructions for Certificate Retirement
Retirement Process

Confirm Retirements Step 5



1) Access retirement sub-account located within the **Account Status** module.
2) Designate the retirement subaccount in the **Subaccount Filter** to view all retirements



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Questions?

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