

# M-RETS Enhancement Fund Update



February 26, 2014 Bryan Gower, APX M-RETS Administrator MRETS@apx.com

### **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





### **M-RETS 12.0 OVERVIEW**

February 26, 2014



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



#### 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

			M-RETS Generators	
	Data Book Icon			
Account Holder Company	Owner Name M-RETS	ID State	Generating Facility	WIRRC
L Acciona Enerov North America	Column Headings Account Holder Con pany	Owner Na	Tatanka Wind Power LLC	Domment. Market Integrity.

ColumnHeadingsPUB11....xls

#### CR 30 Column Headings and Data Book Downloads

A 'Column Heading' Data Book will download an Excel file with a description of each column

	1	Δ	В	C	D
punt Holder Company	1	Account Holder Company	Account Holder the Project is registered to	C	U
	2	Owner Name	Name of project owner designated in registration		
	3	M-RETS ID	Identification number assigned to a project at the time of registrati	ion	
	4	State	Location of Project		
nona Energy North America	5	Generating Facility	Name of the Project (Primary name should be EIA name if applicab	le)	
poration	6	WIRRC	WI RRC Unit ID Assigned by the PSCW	-,	
ims Electric Cooperative	7	Facility Ownership Type	Ownership Type designated in registration		
	8	Multi-Fuel Indicator	Yes/No Multi Fuel designation in registration		
rn You, Inc.	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 O	P Appe	ndix B-
int Energy - IPL	11	Commenced Operation Date	Online Date reported in Registration (also Commercial Operation D	Date)	
	12	Nameplate Capacity	Namplate Capacity of registered meter/CPNode reported in registr	ration (:	x.xxx)
All ant Energy - IPL		IL Utility	IL Eligibility designated in registration;		
	14	IL ARES	IL ARES Eligibility designated in registration;		
nt Energy - IPL	15	IA	IA Eligibility designated in registration;		
	16	IA AEP	IA AEP Eligibility designated in registration;		
t Energy - IPL	17	IA Voluntary Green	IA Voluntary Green Eligibility designated in registration;		
	18	MB	MB Eligibility designated in registration;		
n Energy - IPL			MN Eligibility designated in registration; THE MINNESOTA		
			ELIGIBILITY IS CONSIDERED A SELF DESIGNATION AND HAS		
int Energy - IPL			NOT BEEN REVIEWED BY A STATE OFFICIAL. THE MINNESOTA		
			PUBLIC UTILITIES COMMISSION AND/OR THE MINNESOTA		
at France IDI			OFFICE OF ENERGY SECURITY CAN BE CONSULTED TO ASSIST IN		
init briergy - inc	19	MN	THIS DETERMINATION.		
	20	MN CBED	MN CBED Eligibility designation validated by the M-RETS Administr	ator	
			· · · · · · · · · · · · · · · · · · ·	-	



# **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







#### Step 1: Report Retail Sales

Retail Sales are reported using the Retail Sales Report

Account Holder Reports	
<u>My Event Log</u> My Sub Associate Discovition	
<u>My Sub-Accounts Certificates Disposition</u>	
<u>My Recurring Transfers</u>	
<u>Certificate Transfer History</u>	
My Account Holder Registration History	
<u>My Generating Unit Registration History</u>	
<u>Generating Units By Status</u>	
<u>My Generation Activity Log</u>	
<u>Retail Sales Report</u>	
My Generation Activity Report	
My Invoices	
MWH Sold at Retail to Customers in M-RETS States in 2013	
State Sub-Account Sub-Account Type Electric Provider Name MWH Sold at Retail	
Select State: Select State   Show Changes Save Changes Reload Exit	2

#### Step 1: Report Retail Sales

Select 'Wisconsin' in the state selection from the Retail Sales Report

<b>OM-RET</b>	C M-RETS Midwest Renewable Energy Tracking System										
	MWH Sold at Retail to Customers in M-RETS States in 2013										
	State	Sub-Account	Sub-Account Type	Electric Provider Name	MWH Sold at Retail						
	Select Stat	te: WISCONSIN	T								
				W	l Annual Data						



#### Step 1: Report Retail Sales

Selecting 'Wisconsin' will activate fields to complete: WI Annual Data and WI Technology Type

	M-RETS Midwest Renewable Energy	Tracking System	MY ACCOUNT	G LOGOUT	
	MWH Sold at Retai	to Customers in M-RETS State	es in 2013		
	State Sub-Account Sub-Acc	bunt Type   Electric Provider Name   M	WH Sold at Retail		
	Select State: WISCONSIN 🔻				
		WI An	inual Data		
	Retirement Sub-Account: Test WI 2013 Total MWH Sold at Retail to Wisconsin Customers: D				
	Name of WI Electric Provider: Midwest Test F	ower			
	WWH Sold at Retail to Wisconsin customers: 10000 Year of Sale: 2013				
		WI Teck	nology Data		
	Technology: Wind PV	Hydro Biomass	Biogas	Geotherma	
	Annual MWh that were				
	Will customers				
					WI Annual Data
Retirement Su	b-Account: Test WI 2013		•		
Total MWH So	Id at Retail to Wisconsin Customers:	D			
Name of WI El	ectric Provider:	Midwest Test Power			
MWH Sold at F	Retail to Wisconsin customers:	10000			
Year of Sale:		2013			



#### 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'

Retirement Sub-Account: Test WI 2013		T
Total MWH Sold at Retail to Wisconsin Customers:	þ	
Name of WI Electric Provider:	Midwest Test Power	
MWH Sold at Retail to Wisconsin customers:	10000	
Year of Sale:	2013	



#### Step 1: Report Retail Sales

Report the MWh delivered to WI customers by Renewable Technology Type

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



#### Step 1: Report Retail Sales

Save changes to this report by selecting the 'Save Changes' Button





#### 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

C M-RETS Midwest Renewable Energy Tracking System											
				Total Quantity:	б В	atch Transfer	Select Quantity	y:	Preselect		
All	Active F	Retirement	RRC	2 ard							
🗖 Sh	ow filter expressions	builder		Save Select	Saved	▼ Loa	Delete				
								Certificat	es in Active S		
۶											
		Subaccount ID	M-RET \$ ID	Generating Facility	Fuel Type	Certificate Type	Certificate Vintage	Generation Period	Certificate Serial N		
		Y					Y	Y			
	Midwest Test Gen Co	2439	M869	Test Solar - Test Solar	Solar	Renewable	11/2013	11/2013	859-MN-11-2013-29		
	Midwest Test Gen Co	2439	M869	Test Solar - Test Solar	Solar	Renewable	11/2013	11/2013	869-MN-11-2013-29		

	WI	Compliance Process	S	
	≻ S	<ul> <li>tep 2: Transfer RECs to Compliance</li> <li>Designate the Retirement Transfer and Reti</li> <li>Designate Retirement Type 'Used by the Au Utility Renewable Portfolio Standard' (2)</li> <li>Designate State (Wisconsin) and RPS Com</li> </ul>	e Retiremer rement Subacco ccount Holder pliance Period (	<b>at Subaccount</b> ount(1) <b>for a State-Regulated</b> 3)
Transfer Anoth Active Active	5 er Account Holder e e Multiple	certificates to: Select an Account Holder ▼ Midwest Test Gen Co		
• Retire	ement ement Multiple 2	Test WI 2013       ▼         Retirement Type*         ✓       Used by the Account Holder for a State-Regulated Utility Renewable Portfolio Standard/Provincial Utility Portfolio Standard:         □       Used by the Account Holder for a Municipal Renewable Portfolio Standard:	State/Province*: RPS Compliance Period*: Reason: Compliance Period: State/Province:	Retirement Details WISCONSIN 2013 Select a reason Select a year Select One

Energy. Environment. Market Integrity.

#### 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												
Ð	🖗 🖉 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 Retirement: 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
Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	<b>Y</b>
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
•													Þ
					D	<b>C</b> -1	1 Channel						
					Page: 1 of 1	00 Page size	Change						Item 1 to 1 of 1

![](_page_16_Picture_7.jpeg)

#### <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

![](_page_17_Picture_7.jpeg)

#### 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

	M-RETS Generator Annual Production - Year: 2013											
							🕏 Refr	esh   🛐 🕎 [	8 🛃			
,	M-RETS ID	FacilityName		Nameplate Capacity	Fuel Type	Fuel Source	Generation Technology	1/2013 MWH	2/2013			
	Add N	ameplate Capacity	,	Y				Y				
	Fuel Source, and Fuel		w	4.20	Hydroelectric Water	Hydroelectric Water with a nameplate capacity that	Hydropower		1			
	MIN Production Report M		w	2.00	Hydroelectric Water	Hydroelectric Water with a nameplate capacity that	Hydropower		2			
	M102	Disposal Facility - Gas - Unit 179	WI	13.10	Biomass	Biomass Landfill Gas	Landfill Gas		3			
	M103	Big Quinnesec Falls - Unit 222	МІ	20.00	Hydroelectric Water	Hydroelectric Water with a nameplate capacity that	Hydropower		,			

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

![](_page_18_Picture_7.jpeg)

#### 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

![](_page_19_Picture_5.jpeg)

![](_page_19_Picture_6.jpeg)

#### 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:

Energy, Environment, Market Integrit

- 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

			Certifica	ate Serial N	Number L	ook-up						
State in which the power was generated	Compliance Period	State for which the REC was retired	Retirement	Retirement Type	Reason	Additional Details	WI RPS	WI RRC Eligible	Green-e Energy	Status	CERTIFICATE Status Effective Date	SubAcco
	<b></b>						-	-	-			

#### 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

![](_page_21_Picture_11.jpeg)

#### **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	х	x	x	x	x	x
Retail							
Purchaser			x	x			x
Project			x	x			x
Small Project			x	x			x
Micro Project			x	x			x

![](_page_22_Picture_4.jpeg)

![](_page_23_Picture_0.jpeg)

### **M-RETS 13.0 OVERVIEW**

February 26, 2014

![](_page_23_Picture_3.jpeg)

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

![](_page_24_Picture_2.jpeg)

![](_page_25_Picture_0.jpeg)

### **Questions?**

![](_page_25_Picture_2.jpeg)

Bryan Gower, M-RETS Program Administrator, APX Raleigh, NC 408-899-3340 bgower@apx.com Skype: Bryan.Gower

![](_page_25_Picture_4.jpeg)

![](_page_26_Picture_0.jpeg)

# **M-RETS Compliance Training**

![](_page_26_Picture_2.jpeg)

February 26, 2014 Bryan Gower, APX M-RETS Administrator MRETS@apx.com

![](_page_27_Picture_0.jpeg)

#### **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

![](_page_27_Picture_6.jpeg)

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

- All certificates used for compliance must be retired into a retirement subaccount
- > 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

![](_page_28_Picture_6.jpeg)

### 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

M DETO

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

	Test - BryanGower			
gistration	28	Account Status		
hange Profile		Account 5	Gunnary	
5 H - B	1919	Reporting Entity Data and Manu	al Generation Totals	
ADETS Canaratan	<u>u</u> @	Ceneration MAN		
AFTS Account Holders		Generation		
RETS Certificate Monthle	Annual	Account Activity		
ctivity Statistics		Certificates		
Sulletin Board		Active	515	
HC Program		Retrement	0	
ccount Management	(?)X	RRC	9	
Open Sub-Accounts				Edit Sub-Account
	Total Sub-Acc	ount 4		Ear Sub-Account
Sub-Account Sub-Account Sub- D Name Name	Total Sub-Acc Account elAlas2 Type Cert	fostes	Survey	Reirement 3
Sub-Account Sub-Account Sub- D Name Name	Account Type Certs	foates	Subwer Alias: "	Retirement M
Sub-Account Sub-Account Sub- D Name Sub- 61 Ontowit 62 Definit 63 Ontowit	Total Sub-Acc Account Type Cets Active Export Retrement	Count 4	Sub	Retirement M Minnesota 2008
Sub-Account         Sub-Account         Sub-Account         Sub- Name           61         Ontinut         Sub- Sub-Account         Sub-Account         Sub- Name           62         Ontinut         Sub-Account         Sub-Accou	Total Sub-Acc Account Type Ont Active Export Retrement RRC	interest en la constante en la	Suparative Name/Alias: * Name/Alias2:	Retirement M Minnesota 2008
Data-Account         Data-Account<	Total Sub-Account Account Participation Active Export Retrement RRC Rename the Defaul reterment sub-account	Codet C	Sup	Retirement       Minnesota 2008       Image: State of the sta
Dith-Account Dish-Account Dish Dithere Hanne Alam 61 Cathurt 62 Cathurt 63 Cathurt 64 Cathurt 64 Cathurt 64 Cathurt 64 Cathurt 64 Cathurt	Account Type Orth Active Export Retenant Reference Retenant to Defaul reterment sub-account active Default	Itte Count of Total Counts	Sup	Retirement       Minnesota 2008       Image: State of the sta
Dith-Account Dith-Account Dith- Dith-Account Name 61 Certified 62 Certified 64 Cert	Account Intelasto Active Export Retenent Reference Reference Count Active Export Reference Refer	Contra Total Contra Con	Status Reason:	Retirement 9       Minnesota 2008       © Yes
Operation         Operation <t< td=""><td>Account Intelastic Active Export Retrement Retreme</td><td>Contest Con</td><td>Sup</td><td>Retirement      Minnesote 2008</td></t<>	Account Intelastic Active Export Retrement Retreme	Contest Con	Sup	Retirement      Minnesote 2008
Ode-Account         Ode-Account         Sub-Account	Account Active Activ	Control Contro	Sup	Refirement       Minnesote 2008       ③ Yes     ○ No

![](_page_29_Picture_4.jpeg)

Account Status	
Account Summary	
Reporting Entity Data and Manual Generation	on Totals
Generation M/Vh	
Generation	111
Account Activity	
Certificates	
Active	<u>111</u>
Retirement	<u>0</u>
RRC	<u>0</u>
Export	0
Bulletin Board	Q
Account Totals	
Certificates	
Certificate Total	111

#### **Open Sub-Accounts**

			Total Sub-Account 4				
Sub-Account ID	Sub-Account Name	Sub-Account Name/Alias2	Турь	Certificates			
61	Default		Active	<u>111</u>			
62	Default		Export	Q			
63	Default		Retirement	Q			
64	Default		RRC	Q			

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

![](_page_30_Picture_7.jpeg)

			Total Quant	ity: 547 Batch Tra	nsfer S	t uantity:	Pr	eselect	Subaccounts: Default			•	Go			
All	Active	1 Retirement	RRC	Bulletin Board												
Sh Sh	Show filter expressions builder Save Select Saved  Load Delete															
	Certificates in Active Subaccount															
	0											(3)	<b>2</b> F	lefresh   🚊	1 😼 🎍 🕎	
v	SubAccount	Subaccount ID	M-RETS ID	Generating Facility	Fuel Type	Certificate Type	Certificate Vintage	Generation Period	Certificate Serial Numbers	Quantity	Transfer Quantity	IL Utility	IL ARES	IA	IA AEP	IA Volu Gre
		Y					Y	Y		Y			-	-	-	
	Default	128:	M1234	Wind Power, Wind Power,	Wind	Renewable	06/2011	08/2011	-ND-08-2011- 3349-4249 to 4383	<u>1.3</u>	347	×	v			
	Default	128	M1234	Wind Power, Wind Power,	Wind	Renewable	08/2012	08/2012	-ND-08-2012-23291-317 to 3274	<u>1,03</u>	200	×	V			
41																•

#### **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

![](_page_31_Picture_7.jpeg)

		2									Tra	ansfer (	Certifica	tes	
Certificate Serial Numbers	<u>•1</u>	Transfer Quantity	Adjusted Quantity	Generating Facility	1a	Vintage	Utility	Illinois ARES	lowa	lowa AEP	lowa Voluntary Green	Manitoba	Minnesota	Minnesota CBED	Montana
-ND-08- 2011- 16349- 42490 to 43838	<u>1349</u>	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	<u>1030</u>	200	200	Wind Power, LLC - Wind Power, LLC	Wind	8/2012	Yes	Yes	No	No	No	No	Yes	No	No

#### **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

![](_page_32_Picture_6.jpeg)

Transfer 547	certificates to:
O Another Account Holder	Select an Account Holder
<ul> <li>Active</li> <li>Active Multiple</li> </ul>	Default
Retirement Multiple	MN 2012

#### **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

![](_page_33_Picture_5.jpeg)

Retirement Multiple	Retirement Type*	
$\sim$	Jsed by the Account Holder for a State-Regulated Utility Renewable Portfolio	77 S
(3a)	Btandard/Provincial Utility Portfolio Standard:	RPS
	I lead by the Account Holder for a Municipal Renewable Portfolio Standard;	Rea
	Sed by the Account Holder for a municipal Kenewable Fondolo Standard.	Addi
	I lead by the Assount Helder for Other Degulatery Program:	Rea
	Sed by the Account Holder for Other Regulatory Program.	Con
		Rea

#### **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

![](_page_34_Picture_5.jpeg)

Image: State and and provincial Utility Portfolio Standard:     Image: State by the Account Holder for a State-Regulated Utility Renewable Portfolio Standard:     Image: State by the Account Holder for a Municipal Renewable Portfolio Standard:     Image: State by the Account Holder for a Municipal Renewable Portfolio Standard:     Image: State by the Account Holder for a Municipal Renewable Portfolio Standard:     Image: State by the Account Holder for Other Regulatory Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utility Green Pricing Program:     Image: State by the Account Holder for a Utilit	ltiple	MN 2012 2 4a		Retirement Detaile	
3a       Fandard/Provincial Utility Portfolio Standard:       RPS Compliance Period: Select a year         Used by the Account Holder for a Municipal Renewable Portfolio Standard:       Reason:       Select a reason         Used by the Account Holder for Other Regulatory Program:       Reason:       Select a reason         Used by the Account Holder for a Utility Green Pricing Program:       Compliance Period: Select a year		Jsed by the Account Holder for a State-Regulated Utility Renewable Portfolio	State/Province:	Select One	
Used by the Account Holder for a Municipal Renewable Portfolio Standard:       Reason:       Select a reason         Additional Details:       Additional Details:         Used by the Account Holder for Other Regulatory Program:       Reason:       Select a reason         Used by the Account Holder for a Utility Green Pricing Program:       Reason:       Select a reason         Used by the Account Holder for a Utility Green Pricing Program:       Reason:       Select a reason	(3a	standard/Provincial Utility Portfolio Standard:	RPS Compliance Period:	Select a year 💌	
Osed by the Account Holder for a Multicipal Renewable Portion Standard.       Additional Details:         Used by the Account Holder for Other Regulatory Program:       Reason:       Select a reason         Used by the Account Holder for a Utility Green Pricing Program:       Compliance Period:       Select a reason         Reason:       Select a reason       Image: Compliance Period:       Select a reason	-	Lipped by the Account Helder for a Municipal Depayuphic Partfelia Standard:	Reason:	Select a reason	-
Used by the Account Holder for Other Regulatory Program:       Reason:       Select a reason         Used by the Account Holder for a Utility Green Pricing Program:       Reason:       Select a reason		Sed by the Account Holder for a municipal Renewable Politono Standard.	Additional Details:		
Osed by the Account Holder for Other Regulatory Program.     Compliance Period: Select a year      Reason:     Select a reason		I have by the Assessment Helder for Other Degulatory Dreamony	Reason:	Select a reason 💌	
Used by the Account Holder for a Utility Green Pricing Program:		Sed by the Account Holder for Other Regulatory Program.	Compliance Period:	Select a year 💌	
Osed by the Account Holder for a Ounty Green Friding Frogram.		I Lload by the Assesset Helder for a Litility Green Brising Breazers:	Reason:	Select a reason	-
Additional Dataila:		Cosed by the Account Holder for a Othing Green Pricing Program.	Additional Dataila:		

#### **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

![](_page_35_Picture_5.jpeg)

#### **Confirm Retirements Step 5**

- Access retirement sub-accoun located within the Account Status module.
- Designate the retirement subaccount in the Subaccount Filter to view all retirements

Account Status	? 🗙
Account Summary	
Reporting Entity Data and Manual Generation Totals	
Generation MWh	
Generation	0
Account Activity	
Certificates	
Active	1.832
Retirement	547
RRC	<u>0</u>
Bulletin Board	<u>0</u>
Account Totals	
Certificates	
Certificate Total	2,379

Subaccounts:       All Subaccount:       Additional Delete       Delete       Certificate:       Certificate:       Certificate:       Certificate:       Certificate:       Certificate:       Certificate:       Certificate:       Vintage       Vint													
All Active Retirement RRC       All Subaccounts         All Subaccounts       MN 2012         Show filter expressions builder       Load Delete         Certificates in Retirement Subaccount         Additional Delete         Additional Delete         Subaccount Subaccount         Subaccount Subaccount         Subaccount Subaccount         Subaccount Subaccount         Y <th colspan="4">Subaccounts:</th> <th colspan="3">All Subaccounts</th> <th>-</th> <th colspan="3">Retirement Type: All Types</th> <th colspan="2">▼ Go</th>	Subaccounts:				All Subaccounts			-	Retirement Type: All Types			▼ Go	
All Active Retirement RRC MN 2012				2	Select one								
Active       Reture       Reture       No. 2012         Show filter expressions builder       Load       Delete         Certificates in Retirement Subaccount         Action       Subaccount       Subaccount       Derivate       Certificate       Certificate         Mark       Mark       Mark       Mark       Mark       Mark       Fuel Type       Certificate       Certificate         Mark       Mark       Mark       Mark       Mark       Mark       Fuel Type       Certificate       Certificate         Transfer       MN 2012       191       MN       2012       M467       Wind Power, LLC       Wind       Renewable       08/2011         Transfer       MN 2012       191       MN       2012       M467       Wind Power, LLC       Wind       Renewable       08/2012         Image       Mark       Ma	All	Active	Patirament	PPC	All Subaccoun	ts							
Show filter expressions builder       Load       Delete         Load       Delete         Certificates in Retirement Subaccount         Action       SubAccount       State/ ID       Compliance Period       Reason       Additional Details       M-RETS ID       Generating Facility       Fuel Type       Certificate Type       Certificate Vintage         Transfer       MN 2012       191       MN       2012       M407       Wind Power, LLC- Wind Power, LLC       Wind       Renewable       08/2011         Transfer       MN 2012       191       MN       2012       M407       Wind Power, LLC- Wind Power, LLC       Wind       Renewable       08/2012	All	Active	Kethement	NNC	MN 2012								
Certificates in Retirement Subaccount         Action       Subaccount       State/ ID       Compliance Period       Reason       Additional Details       M-RETS ID       Generating Facility       Fuel Type       Certificate Type       Certificate Vintage         Transfer       MN 2012       191 · MN       2012       M487       Wind Power, LLC Wind Power, LLC       Wind Renewable       06/2011         Transfer       MN 2012       191 MN       2012       M487       Wind Power, LLC       Wind Renewable       08/2012	Show 1	Show filter expressions builder											
Action       SubAccount ID       State/ Province       Compliance Period       Reason       Additional Details       M-RETS ID       Generating Facility       Fuel Type       Certificate Type       Certificate Vintage         Transfer       MN 2012       191 · MN       2012       M487       Wind Power, LLC Wind Power, LLC Wind Power, LLC       Wind       Renewable       08/2011         Transfer       MN 2012       191 MN       2012       M487       Wind Power, LLC Wind Power, LLC       Wind       Renewable       08/2012	Certificates in Retirement Subaccount												
Action     SubAccount     State/ ID     Compliance Period     Reason     Additional Details     M-RETS ID     Generating Facility     Fuel Type     Certificate Type     Certificate Vintage       Transfer     MN 2012     191 · MN     2012     M487     Wind Power, LLC Wind Power, LLC     Wind Renewable     06/2011       Transfer     MN 2012     191 MN     2012     M487     Wind Power, LLC Wind Power, LLC     Wind Renewable     08/2012												21	
Transfer       MN 2012       191       MN       2012       M487       Wind Power, LLC       Wind       Renewable       08/2011         Transfer       MN 2012       191       MN       2012       M487       Wind Power, LLC       Wind       Renewable       08/2012	Action	SubAccoun	t Subaccount ID	State/ Province	Compliance Period	Reason	Additional Details	M-RETS ID	Generating Facility	Fuel Type	Certificate Type	Certificate Vintage	
Transfer     MN 2012     191     MN     2012     M467     Wind Power, LLC- Wind Power, LLC     Wind     Renewable     06/2011       Transfer     MN 2012     191     MN     2012     M467     Wind Power, LLC- Wind Power, LLC     Wind     Renewable     08/2012			Y									Y	
Transfer     MN 2012     191     MN     2012     M487     Wind Power, LLC Wind Renewable     08/2012	Transfer	MN 2012	191	MN	2012			M467	Wind Power, LLC Wind Power, LLC	Wind	Renewable	08/2011	
	Transfer	MN 2012	191	MN	2012			M487	Wind Power, LLC	- Wind	Renewable	08/2012	
	4 I												
						-	C-		Channel .				

![](_page_36_Picture_6.jpeg)

![](_page_37_Picture_0.jpeg)

### **Questions?**

![](_page_37_Picture_2.jpeg)

Bryan Gower, M-RETS Program Administrator, APX Raleigh, NC 408-899-3340 bgower@apx.com Skype: Bryan.Gower

![](_page_37_Picture_4.jpeg)