PA AEPS Summit
Harrisburg PA

Thursday, June 17, 2010
GATS Overview
Account Registration
REC Transfers
  Single Record Transfer
  Batch Transfer
  Transfer History
REC Retirement
My RPS Compliance Report
GATS = Generation Attribute Tracking System

- GATS - a regional environmental registry and information system that tracks the environmental and fuel attributes of generation.
- The system:
  - assists LSEs in their compliance with applicable emissions and fuel disclosure requirements and with state-level Renewable Portfolio Standard (RPS) regulation or renewable policy
  - enables voluntary bilateral markets and marketing claims for renewables.
  - provides state agencies with reporting and verification
  - provides renewable generators with a means to monetize their renewable attributes and qualification
• All MWhs of PJM generation are tracked.

• A certificate market separate from energy is enabled for renewable generation.
  – Certificates (i.e., credits) traded separate from energy
  – Certificates can have different value depending on their attributes (e.g., fuel type, location, date of generation, etc).

• It is a single information system that will support a range of reporting, verification, and compliance requirements (e.g., disclosure, RPS, voluntary retail markets, etc).

• It is a regional system that will enable PJM states and market participants to support varying needs and priorities.

• A system that is flexible enough to meet evolving state requirements.
GATS Subscription Agreement/Fee Structure

- All GATS users must enter into a subscription agreement with PJM Environmental Information Services ("EIS")

- Users will be charged:

  **Annual Subscription Fee**
  - $2,000/year fee for PJM load serving entities (LSE’s)
  - $1,000/year for Non-LSE’s, brokers, traders and renewable generators
  - No annual fee for renewable generators with aggregate generating capability under 10MW’s
  - No annual fee for non-renewable generators

  **Volumetric Fees**
  - LSE’s fee of $0.006/MWh determined against net load served in states with GATS requirements
  - Voluntary Market fee of $0.008/MWh for certificate-only product sales directly to an end-use customer in PJM that does not have a GATS account
  - Fee of $0.25/MWh for certificates exported outside of PJM
### Certificate Creation Timeline - Month following month of generation

- **PJM Market Settlements Completed**
  - 1st thru 5th Business Day

- **Dynamic Data Import and Verification**
  - 6th thru 9th Business Day

- **Account Holder Review Period**
  - 10th thru next to last Business Day

- **Certificate Creation**
  - Last Business Day

- **Certificate Creation Data Load**
  - Between the 6th and 10th business day

- **Account Holder Review Period**
  - Spans from the 10th business day to the day before certificates are created
  - The Account Holder Review Period is used to review the generation and load data that comes from the PJM Market Settlements Group
  - All Subscribers are encouraged to review their account monthly prior to certificate creation
  - Certificates created monthly, on the last business day of the following month
Once certificates are placed in the Reserve sub account they cannot be transferred out.
New Account Registration

- To open a new account go to www.pjm-eis.com and click on the GATS Logon link
- From the main login page click on “Not A Member? Register Here”
- Fill out the required fields and Submit for Approval
- You will be asked to Accept the GATS Terms of Use
- You will receive an email with an activation link to activate your account
- Once the account is activated it will be reviewed within three (3) business days of submittal
- Once approved you will have full functionality of your account
To register for a GATS Account go to the PJM EIS Website and click on GATS Logon ([www.pjm-eis.com](http://www.pjm-eis.com))

Once at the main login page click on “Not A Member? Register Here”
Select your account types(s)

<table>
<thead>
<tr>
<th>New Account Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account Type: *</td>
</tr>
<tr>
<td>Generator</td>
</tr>
<tr>
<td>Trader</td>
</tr>
<tr>
<td>PJM Member:</td>
</tr>
<tr>
<td>(if checked, DUNS Number and Org ID are required)</td>
</tr>
<tr>
<td>DUNS Number:</td>
</tr>
<tr>
<td>9 - 13 alphanumeric</td>
</tr>
<tr>
<td>Org ID:</td>
</tr>
<tr>
<td>1 - 9 numeric characters</td>
</tr>
<tr>
<td>Parent Company Name:</td>
</tr>
<tr>
<td>Wholly Owned Subsidiaries:</td>
</tr>
<tr>
<td>Company Name: *</td>
</tr>
<tr>
<td>NA</td>
</tr>
</tbody>
</table>

The Account Type would be LSE
Check PJM Member and Enter the PJM Org Id
The Company Name will populate once your submit for approval
Enter in Contact Information

<table>
<thead>
<tr>
<th>GATS-Specific Contact Info</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Display Contact Info on Account Holder Report?</strong></td>
</tr>
<tr>
<td><strong>Contact Person:</strong></td>
</tr>
<tr>
<td><strong>Address1:</strong></td>
</tr>
<tr>
<td><strong>Address2:</strong></td>
</tr>
<tr>
<td><strong>City:</strong></td>
</tr>
<tr>
<td><strong>State/Province:</strong></td>
</tr>
<tr>
<td><strong>Country:</strong></td>
</tr>
<tr>
<td><strong>Zip or Postal Code:</strong></td>
</tr>
<tr>
<td><strong>Phone Number:</strong></td>
</tr>
<tr>
<td><strong>Fax Number:</strong></td>
</tr>
<tr>
<td><strong>E-mail:</strong></td>
</tr>
<tr>
<td><strong>Web Site:</strong></td>
</tr>
</tbody>
</table>

If you would like your contact information included in the Account Holders Report check the “Display Contact Info on Account Holder Report?” check box
If checked your contact information will be displayed to other subscribers only
Select PA as your Billable State

In order to retire RECs for compliance purposes, PA must be selected as a billable state and the load must be tracked.
**Complete your Billing Information**

- **Billing Information**: Use Subscriber Information
- **Contact Person**: Jaclynn Lukach
- **Address1**: 955 Jefferson Avenue
- **Address2**: 
- **City**: Norristown
- **State/Province**: PENNSYLVANIA
- **Country**: USA
- **Zip or Postal Code**: 19403
- **Phone Number**: 610-666-2245
- **Fax Number**: 610-771-4114
- **Email**: QATSAdmin@pjm-oio.com
- **Department/Location**: 

* Required Field

Submit for Approval once all of the information is completed
Accept the Terms of Use

SCHEDULE C - 1

Consent of Subscriber

1. I acknowledge that I have read the Terms of Use and that I understand that EIS may modify the Terms of Use from time to time pursuant to Sections 1 and 2 of said Terms of Use.

2. I affirm that I have authority to execute this Consent on behalf of Subscriber and that Subscriber shall not be given access to the GATS until this Consent has been signed by me and been received by the GATS Administrator.

3. Subscriber will only use the GATS for creating its generator attributes tracking certificates and specifically acknowledges that it shall not use any other database for the same purpose.

4. Subscriber agrees that the Attributes for which a particular Certificate has been created in the GATS for said Subscriber have not previously been, nor will it be, used by or claimed by another entity or transferred to another Compatible Certificate Tracking System except as authorized under the Terms of Use or GATS Operating Rules.

5. Subscriber has not retired, sold, claimed, represented elsewhere or used, nor will it retire, sell, claim or represent elsewhere or use to satisfy obligations in any jurisdiction outside of the GATS any of the Attributes associated with Subscriber’s Certificates without designating the disposition of the Certificates as such within the GATS.

6. Subscriber may transfer Certificates created in the GATS to a Compatible Certificate Tracking System to satisfy obligations in another jurisdiction that is not in the PJM Control Area.

7. No other entity can claim the right to the Attributes for which Subscriber is seeking credit.

8. All data and other information being provided to EIS and to the GATS by Subscriber and/or its agents and employees are true and correct.

9. Subscriber agrees to pay the fees that EIS may charge for use of the GATS.

10. I declare that all statements contained herein are true and correct, to the best of my knowledge, information, and belief and are made with full knowledge that EIS and all users of the GATS that is the subject of these Terms of Use rely upon the truth of the statements contained in this consent.

I Accept  Cancel

The GATS Terms of Use will be displayed and the subscriber must Accept them before the account is created.

The Terms of Use can also be found on the PJM EIS Website
Congratulations, you have completed the first step of the Account Registration process. The final step must still be completed for your account to reach the GATS Administrator.

The final step requires you to take action to activate Your Account. Click on the following link in this e-mail and then login to the GATS. Once you have completed the login, you will have completed the final step.

http://216.52.68.27/myModule/reg/actAcc.asp?id=443

If an error message appears when you click on the link, or if your My Account window does not function properly, copy the link, paste it into the address line on your browser window, and press the Enter key to access the PJM-EIS GATS system. Make sure you select the entire link.

Once activated, you will have limited access and functionality until the GATS administrator approves your account. Approval should take no longer than one week. You will receive an e-mail message with approval verification or with a request for more information.

An email will be sent to the email address you provided with an activation link.

You must activate your account before it will be submitted to the GATS Administrator for approval.

Please add GATSAdmin@pjm-eis.com to your address book or the email might get blocked.

GATS Administrator
Phone: 610-666-2245
Email: GATSAdmin@pjm-eis.com
The GATS Administrator will review and approve your account.

Once you receive the approval e-mail, you will have full functionality of your GATS account.
When you are preparing to report to PA for the PA AEPS you will need to retire the RECs that are to be used for Compliance in PA.

There are two types of transfers that can be done to retire for Compliance:

- **Transfer to Retail LSE Subaccount**
  - RECs from Active Subaccount are on the only RECs that can be transferred to the Retail LSE Subaccount.

- **Transfer to Reserve Subaccount**
  - RECs from both the Active Subaccount and CEPS Subaccount can be transferred to the Retail LSE Subaccount.

You will select RPS as the Reason, PA as the State, the Compliance Period you are reporting for and the price per certificate that was paid.

Once the RECs are placed into the Reserve Subaccount they cannot be transferred out by the subscriber.
◊ GATs Account Holders can transfer certificates to other GATS Account Holders

◊ The Account Holder wishing to transfer certificates can select a recipient from a list of GATS Account Holders

◊ Both the sender and recipient of the certificates will receive confirmation of the transaction

◊ The recipient must “OK to transfer” the certificates to their account

◊ The transferring Account Holder may cancel the transaction anytime before the recipient confirms or “OKs to transfer”
How do I **Transfer Certificates**?

Go to the ‘**Account Status**’ box. It is on the right hand side of the screen. In this box, the first box labeled ‘**Generation**’ holds the pending generation that will be certified at the next Certificate Creation.

The second box labeled ‘**Certificates**’ has the SRECs after they have been created.

Across from ‘**Active**’ or ‘**CEPS**’ you will see a bright blue and underlined number.

Click on the bright blue and underlined 3 across from ‘**Active**’ or ‘**CEPS**’ located in the Certificates box.

This opens up the **Certificates** screen.
Once the “CEPS” certificates link is selected from the My Account screen, a listing of those certificates will appear.

Select “Transfer” next to the certificates to be transferred.
**Transfer Certificates**

<table>
<thead>
<tr>
<th>Certificate Serial Numbers</th>
<th>41481 - 1 to 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity</td>
<td>5</td>
</tr>
<tr>
<td>Unit Name</td>
<td>34622</td>
</tr>
<tr>
<td>Fuel Type</td>
<td>Solar - Photovoltaic</td>
</tr>
<tr>
<td>Month of Generation</td>
<td>2006/05</td>
</tr>
<tr>
<td>New Jersey State Program</td>
<td>N/A</td>
</tr>
<tr>
<td>Maryland State Program</td>
<td>N/A</td>
</tr>
<tr>
<td>District of Columbia State Program</td>
<td>N/A</td>
</tr>
<tr>
<td>Pennsylvania State Program</td>
<td>N/A</td>
</tr>
<tr>
<td>Delaware State Program</td>
<td>New Eligible</td>
</tr>
<tr>
<td>Illinois State Program</td>
<td>N/A</td>
</tr>
<tr>
<td>Ohio State Program</td>
<td>N/A</td>
</tr>
<tr>
<td>Green-e Energy Eligible</td>
<td>No</td>
</tr>
</tbody>
</table>

A description/attributes of the certificates will be listed at the top.

**Type in the number of certificates to be transferred**

Select either a GATS Account Holder or another account you would like the certificates transferred to.

**Enter the price per REC that was paid for all solar RECs**

If the certificates are being transferred to a Retail LSE Subaccount for RPS purposes, the RPS compliance year and price paid per certificate must be entered.

**NOTE:** Depending on what account the certificates are coming from will determine which accounts they can be transferred to.
- Certificates will appear in either in the Inbox when transferring in or the Outbox when Transferring out.

- Subscribers can either Confirm or withdraw the certificates from the Inbox and Outbox.

- Both Parties will receive an email with the transfer details.

- Counterparty must confirm the transfer before the certificates will be moved into their account.
Once the certificates are confirmed they will be placed in the Account where they were initiated from (if they came from the initiator’s CEPS Account they will be deposited into the counterparty’s CEPS Account)
Go to the ‘Account Status’ box. It is on the right hand side of the screen. Within this box, the first box labeled ‘Generation’ holds the pending generation that will be certified at the next Certificate Creation.

The second box labeled ‘Certificates’ has the SRECs after they have been created.

Across from ‘CEPS’ you will see a bright blue and underlined number.

Click on the bright blue and underlined number across from ‘CEPS’ located in the Certificates box.

This opens up the CEPS certificates screen.
Click on the “Batch Transfer” tab, it is bright blue and located at the top of the screen on the far left side.

Select where you would like to transfer the certificates from the drop-down menu options

Click “Go”
From the “Add Batch”, column click check off the RECs that you want to transfer. You can also control the number of RECs that you want to transfer by changing “Transfer Quantity”.

When you are complete click on the “Batch Transfer”

This opens up to the Transfer Certificates screen
The price is required for all solar transactions.

Enter the price per certificate. It will default to number of RECS you have selected to transfer.

Select the type of person that you would like to transfer the RECs to.
Certificates can also be transferred into a Reserve Subaccount.

Select the appropriate option based on how the certificates will be used in the Reserve Subaccount.

Select “Submit”
You can view your Transfer History by clicking on the Transfer History link that is listed under the Account Holder Reports Module.
<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Unit ID</th>
<th>Facility Name</th>
<th>Fuel Type</th>
<th>Login Name</th>
<th>Quantity</th>
<th>Date of Transfer</th>
<th>Transferor</th>
<th>Transferee</th>
<th>Action</th>
<th>Transaction ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>8</td>
<td>NON34524</td>
<td>Riley Solar - 2</td>
<td>SUN</td>
<td>Riley1</td>
<td>1</td>
<td>9/30/2008 1:30:38 PM</td>
<td>RileySolar</td>
<td>First Energy Solutions Corp.</td>
<td>Transfer</td>
<td>13853</td>
</tr>
</tbody>
</table>

- **Month and Year of generation for the certificates that have been transferred**
- **Quantity**
- **Date of Transfer**
- **Transferor and Transferee**
To initiate a transfer click on either the Active or CEPS Subaccount Number.
Click on the Transfer link to the left of the REC you want to retire.
Select the first Reserve Reason Code for RPS compliance
Select PA as the billable state and the compliance period
The price is a required field
Retail LSE Subaccount is an optional field that can used to associate that particular RECs to a Retail LSE Subaccount where the load is tracked

Click Submit to save the retirement to Reserve
You can view the REC(s) by clicking on the Reserve Subaccount Number.

The details of the transfer will be listed (as shown below).

You can use the Reason Code filter to view those that were retired for each reason.
Once the RECs are retired for PA purposes they will appear on the My RPS Compliance Report.

The My RPS Compliance Report is used by PA to determine compliance.
First tab is the summary tab
Two additional tabs for the REC details
Once on the details tab the information can be drilled down further by clicking on the Quantity listed.

The additional information that can be seen will include the location, nameplate capability, and month and year of generation.
GATS Technical &
Customer Service / Administrative
Support

GATS Administrators
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