



Generation Attribute Tracking System (GATS)

**2005 New Jersey
Clean Energy Conference
Sept. 26th, 2005
New Brunswick, NJ**

GATS = Generator Attribute Tracking System

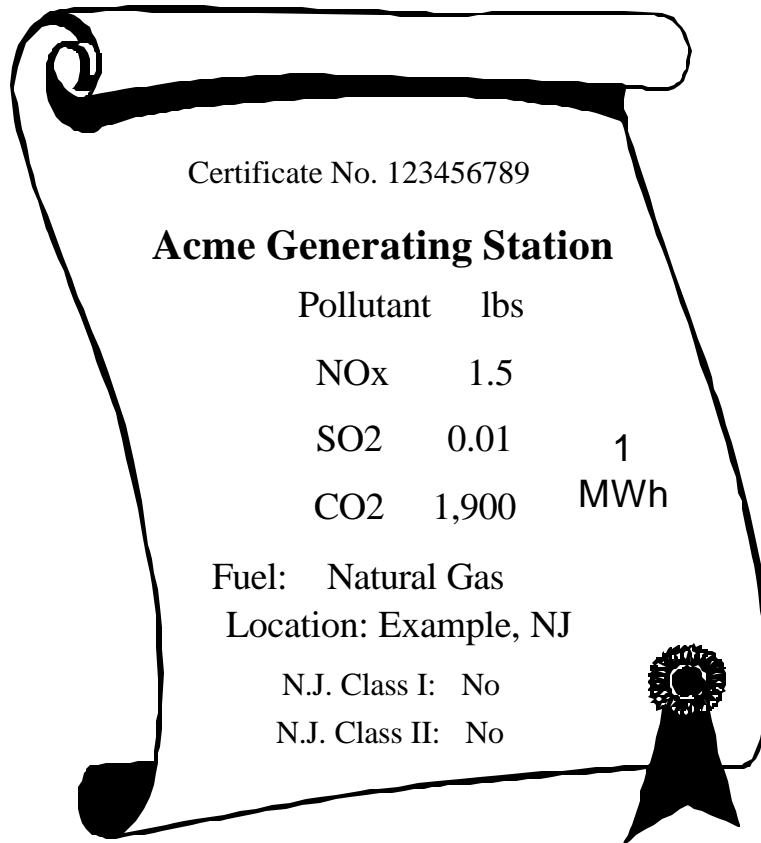
- GATS - a regional environmental registry and information system that will track the environmental and fuel attributes of generation.
- The system will:
 - assist LSEs in their compliance with applicable emissions and fuel disclosure requirements and with state-level Renewable Portfolio Standard (RPS) regulation or renewable policy
 - enable voluntary bilateral markets and marketing claims for renewables.
 - provide state agencies with reporting and verification
 - provide renewable generators with a means to monetize their renewable attributes and qualification

- **GATS is designed to:**

- Ensure accurate accounting and reporting of generation attributes
- Facilitate bilateral transactions of the attributes via certificates between market participants
- Support the current requirements of various state agencies and have the flexibility to accommodate varied and evolving state policies and programs
- Mitigate seams issues with adjoining markets to allow the potential of trading certificates across regions
- Promote a robust renewable market



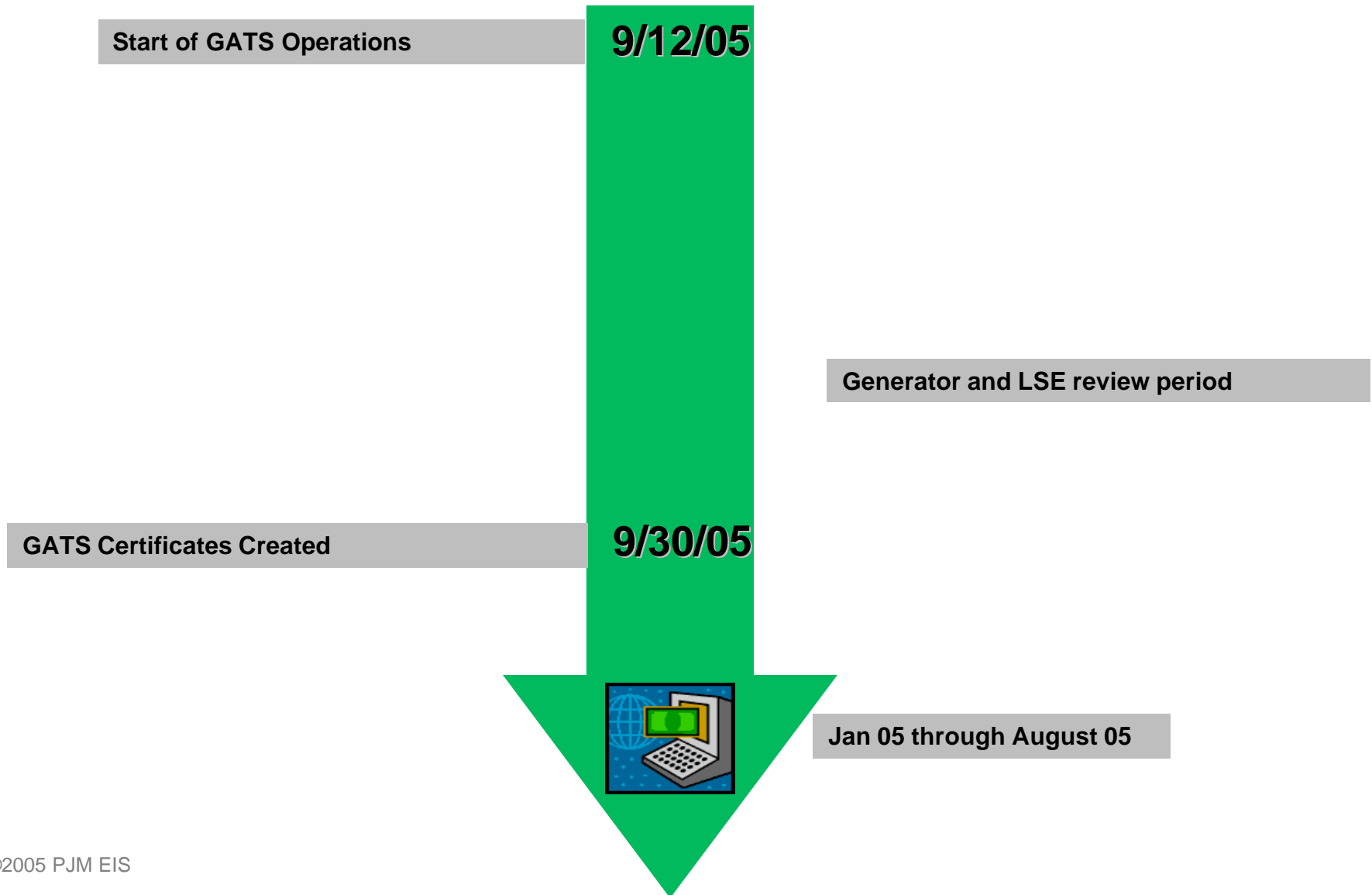
Each MWh is given a unique electronic certificate



This certificate may contain any information relevant to market participants and capable of being tracked by GATS.

- Certificates' data will be compiled using PJM generation and publicly available data from EPA and EIA.
- Where data do not exist or are faulty, generators may choose to update their information based on agreed upon best practices.
- Default assumptions will be developed as a last resort for generators with faulty or no data who choose not to update their information.

GATS Monthly Certificate Creation Cycle



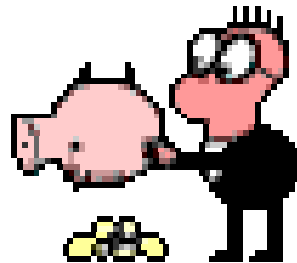
Use of the GATS

- All GATS users (“Subscribers”) including state agencies must enter into the GATS Terms of Use before they will be allowed to access the GATS.
- Subscribers will be charged a subscription fee and volumetric fees for use of the system.
- Subscribers must also attest that the information they provide into the GATS database will be true and correct and that they will comply with all of the requirements of the GATS Operating Rules.



Annual Subscription Fees

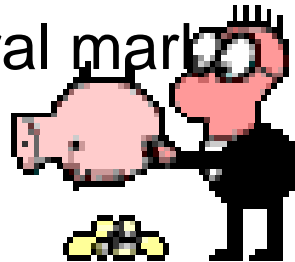
- \$2,000/year fee for PJM load serving entities (LSEs) that use the system
- \$1,000/year for non-LSEs, brokers, traders and renewable generators
- No annual fee for:
 - renewable generators with aggregate generation under 10 MW
 - non-transacting state regulators
 - non-renewable generators



- LSE's fee of \$0.008/MWh determined against load served in states in which the LSE uses GATS
 - Billable States
- Fee of \$0.25/MWh for certificates transferred into a Reserve Subaccount

Exceptions:

- No fee if it is used by a subscribing LSE for compliance with a PJM-state renewable portfolio standard (RPS)
- Fee of \$0.008 per MWh would apply if used for voluntary bilateral market



- Open to all Subscribers
- Meet at least semi-annually
- Objectives of GATS Subscriber Group
 - Provide input into the development and maintenance of GATS Operating Rules
 - Have access to information and training pertaining to GATS
 - Provide opportunities for networking and establishing business contacts with other GATS Subscribers

State Agency Advisory Committee

- Participation by representatives of state agencies whose policies are being effectuated through GATS
- State agencies must agree to abide by the Terms of Use
- Meetings as needed or in conjunction with Subscriber Group meetings
- Objectives of State Agency Advisory Committee
 - Provide input into the development and maintenance of GATS business rules
 - Analyze need for future system additions and modifications
 - State regulator's perspective

Renewable Portfolio Standards Adopted

- New Jersey - Regulations relies on GATS
- Maryland - Regulations relies on GATS
- Pennsylvania - Regulation in process, comments supportive of GATS
- District of Columbia - Regulation development process just beginning
- Delaware – Regulation development process just beginning

Renewable Portfolio Standards Under Consideration

- Illinois – Commission issued a resolution setting specific renewable objectives

Access the PJM-EIS website by logging onto: www.pjm-eis.com



The PJM-EIS website provides links to the “GATS Operating Rules” and “GATS Terms of Use” for your reference

There are three types of reports that are available to GATS Account Holders:

Account Holder • State Agency • Public



Account Holder Reports

There are ten different Account Holder Reports available in GATS. These reports provide updates and the status of current account information as well as transaction History

The screenshot displays the GATS interface for account holder reports. At the top, there is a navigation bar with the PJM EIS logo and a 'logout' button. Below the navigation bar, there are links for 'My Account' and 'Help'. A 'customize page' button is visible, along with the user ID 'AH2106_2_1 - apatel' and a 'Change Password' link.

The main content area is divided into two main sections: 'Account Holder Reports' and 'Account Status'.

Account Holder Reports (Left Panel):

- [My Event Log](#)
- [New! My Generation](#) (Monthly)
- [New! My Load](#) (Monthly)
- [New! My Imports](#) (Monthly)
- [New! My Exports](#) (Monthly)
- [New! My Emission](#) (Monthly)
- [New! Total Emission by Generator](#) (Monthly)
- [My Certificates Disposition](#) (Monthly)
- [My Obligations](#) (Monthly, Annual)
- [My Retail LSE Sub-Accounts](#) (Monthly)
- [My Standing Orders](#) (Monthly)
- [New! Transfer History](#) (Monthly)

Account Status (Right Panel):

Trading Period:

2005 - Open	2005 - Close	2006 - Open
3/1/2005 - 2/14/2006	2/14/2006 - 3/1/2006	3/1/2006 - 2/14/2007

Task:

Certificate Creation	Open Period	Acct Holder Review	Certificate Creation	Open Period
July 2005	07/21/2005 to 09/15/2005	August 2005	August 2005	10/01/2005 to 10/14/2005
07/20/2005		09/15/2005 to 09/30/2005	09/30/2005	

Account Summary

MSET Data & Manual Generation Totals

Supply MWh		Demand MWh	
Generation	N/A	Load	N/A
Imports	N/A	Exports	N/A

Account Activity

Certificates		Obligations	
Active	150	Transferred In	0
CEPS	0	Transferred Out	0
On Bulletin Board	0		
Reserved	0		
In Retail LSE Sub-Accounts	0	In Retail LSE Sub-Accounts	0

State Agency Reports (Bottom Left Panel):

- [New! GATS Generators](#)
- [New! Import Generators](#)
- Total Emissions by GATS Generator (Monthly, Annual)
- Units Reporting Emissions via an Approved Emissions (Monthly)

State Agency Reports

There are seventeen different State Agency Reports available in GATS. These reports provide updates and the status of current account information as well emissions reporting information

State Agency Reports

[New! GATS Generators](#)
[New! Import Generators](#)
 Total Emissions by GATS Generator [Monthly](#) [Annual](#)
 Units Reporting Emissions via an Approved Emissions Protocol (Rule 2.5(d)) [Monthly](#)
 Reserved Certificate Transactions [Monthly](#)
 GATS Certificate Statistics [Monthly](#)

Account Holder Reports

[My Event Log](#)

[New! My Generation](#) [Monthly](#)
[New! My Load](#) [Monthly](#)
[New! My Imports](#) [Monthly](#)
[New! My Exports](#) [Monthly](#)
[New! My Emission](#) [Monthly](#)
[New! Total Emission by Generator](#) [Monthly](#)
[My Certificates Disposition](#) [Monthly](#)

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Public Reports

There are eight different Public Reports available in GATS. These reports provide general GATS updates and statistics. These reports are also accessible from the GATS Login Page

My Account [Help](#)

customize page AH2106_2_1 - apatel [Change Password](#)

Public Reports [?] [X]

[New! GATS Account Holders](#)

[GATS Generators](#)

[PJM Residual Mix](#)

[Import System Mix](#)

[Bulletin Board](#)

GATS Certificates Statistics [Quarterly](#)

Reserved Certificate Transfers [Quarterly](#) [Annual](#)

PJM System Mix [Quarterly](#)

Account Information [?] [X]

Company Name: AH2106_2_1

Account Administrator Email: gats_testing@yahoo.com

Account Administrator Phone: 610-666-3446

Inbox [?] [X]

Obligation

From	Quantity	Status	Confirm	Reject

Asset Management [?] [X]

Total Assets 8

Unit ID	Plant - Unit	PJM Generator	Status	Update Emission	Standing Orders
NON32675	Best Power - BP	No	Pending	JAN 2005	
IMP12345	Big Kahuna - #1	No	Approved	FEB 2005	2006 Q4
NON32663	P210622 - U210622	No	Approved	JAN 2005	
NON32665	P23021 - U23021	No	Approved	JAN 2005	
IMG23051	P23051 - U23051	No	Approved	JAN 2005	
IMG23052	P23052 - U23052	No	Approved	JAN 2005	
NON32668	P23061 - U23061	No	Approved	JAN 2005	2005 Q1
NON32662	P210621 - U210621	No	Inactive	JAN 2005	

[View All Standing Orders](#) | [Create Standing Orders](#) | [View Emission Entry History](#)

[Register BTM or External Generator](#) (New PJM Generators will appear above after registration in MSET.)

[Register Import Generator](#)

Message Notification [?] [X]

Total Messages 1

Message Type	Message	Receive Date
My Messages	Email Test	6/23/2005 7:55:24 AM

[More](#)

If you have any questions... **Primary Contacts**

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If you have any questions...

For more information on GATS:

<http://www.pjm-eis.com/>