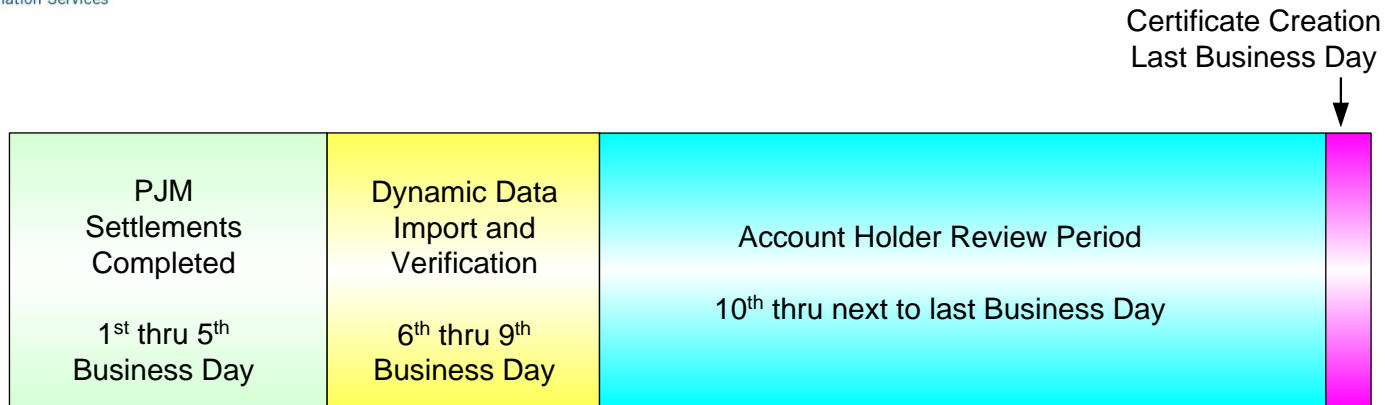


Overview of GATS Load Data for NJ Electricity Suppliers

Presented at NJ BPU Offices, Trenton NJ
June 16, 2017



Certificate Creation Timeline - Month following month of generation)

- PJM Market Settlements data is loaded 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

- Load data is received in GATS monthly, approximately six business days after the month ends
- Load value received is the scheduled Retail Load Responsibility (RLR) InSchedule in MWh. It does not include transmission losses
- Load data is viewable in GATS during the Account Holder Review Period
- Retail Load Serving Entities in GATS are billed monthly by PJM EIS based on MWhs of load served
- Small LSE's (<100,000 MWhs of load per year) are no longer billed based on load served, as of January 2017
- Invoices are now viewable in GATS:
 - Accounts > GATS Invoices

The deadline for generation entry this month is 7/29/2016 12:00 AM

Account Summary			
Unprocessed Activity (MWh)			
Generation	0.000	Load	19,341
Imports	0	Exports	0
Account Activity			
Certificates		Obligations	
Active		Transferred In	0
CEPS		Transferred Out	0
On Bulletin Board			
Bulletin Board Purchases			
Reserved			
In Retail LSE Subaccounts		In Retail LSE Subaccounts	
Certificate Total		Obligation Total	

Inbox	
Certificates	0
Obligations	0
Outbox	
Certificates	0
Obligations	0

Retail LSE Subaccounts Summary					
<i>Load data in GATS might not match your actual RPS obligation</i>					
Retail LSE Subaccounts Name	State	Zone	Default	Certificates	Obligations
Default	NJ	AECO	Yes	0	6,448
Default	NJ	JCPL	Yes	0	37,252
Default	NJ	PSEG	Yes	0	114,858
Default	NJ	RECO	Yes	0	0

MSET Load Data							
Results <input type="button" value="CSV"/> <input type="button" value="Reset"/> <input type="button" value="Show Field Chooser"/>							
<i>Note: Click on a heading label to sort the data.</i>							
Create Filter							
Drag a column header here to group by that column							
Month	State	Zone	Electrical Load	Pumping Load	MMA	Adjusted Load	
06/2016	NJ	AECO	1,527.00	0.00	0.00	1,527.00	
06/2016	NJ	JCPL	4,913.00	0.00	0.00	4,913.00	
06/2016	NJ	PSEG	12,901.00	0.00	0.00	12,901.00	
Total			19,341.00	0.00	0.00	19,341.00	
Page 1 of 1 (3 items) <input type="button" value="1"/> Page size: 50							

Load data in GATS might not match your actual RPS obligation!!!

1. Select Reports > My Reports > My RPS Compliance report
2. Enter RPS Load and click "Save"

My RPS Compliance - NJ - Jun 2015 - May 2016

Parameters

State: Compliance Period:

Results

Note: Click on a heading label to sort the data.

[Create Filter](#)

Drag a column header here to group by that column

Account Name	Subaccount Name	Zone Name	GATS Load	RPS Load	Delete	Total Generation for Subaccount	NJ Solar	NJ Class I	NJ Class II	Total Certificates Used for RPS
	Default	AECO	6,448	<input type="text" value="6,000"/>	<input type="checkbox"/>	0	0	0	0	0
	Default	JCPL	37,252	<input type="text" value="37,000"/>	<input type="checkbox"/>	0	0	0	0	0
	Default	PSEG	114,858	<input type="text" value="115,000"/>	<input type="checkbox"/>	0	0	0	0	0
Total			158,558			0	0	0	0	0

Page 1 of 1 (3 items) **[1]** Page size:

Market Settlements – Advanced

Demand Module

Available on www.pjm.com under Training > Training Materials, slides 19-22:
<http://www.pjm.com/~media/training/core-curriculum/ip-ms-adv/09-demand.ashx>

PJM State & Member Training Dept.

Reconciliation Overview

- PJM will calculate reconciliations for EDCs and Retail Load for past months' billings
- Reconciliation data represents the difference between the scheduled Retail Load Responsibility InSchedule (RLR) (in MWh) and the “actual” usage based on meter read data
- Reconciliations are typically performed on an hourly basis on a two month billing lag
- Reconciliations appear on the monthly invoice

Reconciliation Overview

- Reconciliation data in kWh must be supplied to PJM by the EDC (Electric Distribution Company)
- EDC provides reconciliation data via a file upload in InSchedule
- Reconciliation data must be reported separately for each applicable InSchedule contract

Unlike other InSchedules, EDC uploaded reconciliation values are not confirmed by the LSE

Reconciliation Billing Determinants

- Reconciliation billing determinants are used by PJM to reconcile past months' billings between EDCs and Retail Load Aggregators for **certain allocations that are based on real-time load ratio shares**
- The **reconciliation kWh data** supplied to PJM by the EDCs, which represents the difference between the scheduled Retail Load Responsibility InSchedules and the "actual" customer usage based on metered data, are **multiplied by the applicable billing determinants** to determine the reconciliation billing amounts
- Billing determinants are calculated by dividing the total hourly charges (per category) by the total real-time PJM load (de-rated for transmission losses) in that hour



Reconciliation Billing Determinants

Operational Data | Home » Markets & Operations » Billing, Settlements & Credit

Data Directory

Interregional Data Map

PJM Tools

Energy Market

Capacity Market (RPM)

Financial Transmission Rights

Ancillary Services

Demand Response

Billing, Settlements & Credit

Billing Contact Change

Guide to Billing

Formula Rates

MSRS Reports Documentation

FRR - LSE Capacity Rates

THEO, PLC and NSPL Methodology Inventory

Preliminary Billing Reports - Ancillary Services Market Data

System Operations

Billing, Settlements & Credit

PJM manages all aspects of the electric grid and the wholesale market, including the purchase and sale of energy, transmission services and ancillary services. PJM provides weekly and monthly invoices for each market participant. The market settlements and billing FAQs provide an introduction to how charges are billed in the market.

Guides	Date
Emergency Energy Settlement Process for April 2015 Load Management Events (PDF)	5.4.2015
Guide to Billing (PDF) (WED) Contains billing line items, charges/credits and references	
Requirements for Agency Agreements (PDF) Guidelines for using an agent to conduct business with PJM	
Credit Overview & Supplement (PDF) An overview of the credit policy and requirements, and supplement to the Open Access Transmission Tariff, Attachment Q	
Market Settlements Reporting System Reports Documentation	

Reconciliation Billing Determinants

2016

Monthly Billing Determinants (CSV)	May
Daily & Hourly Billing Determinants (CSV)	

Contact PJM

Member ? Community

Other Contacts

Email:

- Credit Group
- Market Settlements Group
- Cash Management Group

Website Feedback

(866) 400-8980
(610) 666-8980

Credit

PJM Settlement, Inc. - [Credit](#)

New to Billing, Settlements & Credits?

[Market Settlements/Billing FAQs](#)

Monthly Reconciliation Billing Determinants are supplied in two parts:

1. Monthly Load Reconciliation Billing Determinants
2. Daily and Hourly Load Reconciliation Billing Determinants

NJ S/REC RETIREMENT PROCEDURE

1. Select the link under either Active or CEPS in the Account Activity

Account Activity	
Certificates	
Active	208,662
CEPS	20,819,550
On Bulletin Board	0
Bulletin Board Purchases	
Reserved	463,579
In Retail LSE Subaccounts	0
Certificate Total	21,491,791

2. Select the Batch Transfer tab

The screenshot shows the pjm EIS logo and the text 'Generation Attribute T'. Below this is a navigation bar with tabs for 'Accounts', 'Assets', and 'Certificates'. Under the 'Accounts' tab, there are sub-tabs for 'Batch Transfer', 'Active', and 'CEPS'. The 'Batch Transfer' sub-tab is highlighted with a red box.

3. Select Reserve from the “Batch Transfer to” drop down and click **Go**
(Note: Clicking Go will refresh the RECs in your list that are able to be transferred to Reserve)

The screenshot shows the pjm EIS interface with the 'Batch Transfer' tab selected. The 'Batch Transfer to' dropdown menu is open, showing options: 'Reserve', 'Account Holder', 'CEPS', 'Bulletin Board', 'Retail LSE Subaccount', and 'Reserve'. The 'Reserve' option is highlighted with a red box. The 'Go' button is also visible next to the dropdown.

- Select the “Add Batch” check box to add all RECs from your accounts to the Batch
OR
Select the check box next to each REC to include in your Batch

Batch Transfer Active CEPS Bulletin Board Reserved Subaccount

Total Quantity: 445 Reset Batch Selections View: All RECs Go Batch Transfer to: Account Holder Go **Transfer**

Batch Transfer for current trading period of 2017

Results CSV Print Reset Show Field Chooser

Note: Click on a heading label to sort the data.

Contains([Fuel Type], 'solar')

Drag a column header here to group by that column

Action	Add Batch <input type="checkbox"/>	Status	Unit ID	Facility Name	Fuel Type	Loc of Generator	Month of Generation	Certificate Serial Numbers	Qty	Transfer Quantity	REC Create	Previous Owner	New Jersey	NJ State Number
Transfer	<input checked="" type="checkbox"/>	CEPS			Solar - Photovoltaic	NJ	06/2016	2159437 - 1 to 76	76	76	07/2016		Solar	
Transfer	<input checked="" type="checkbox"/>	CEPS			Solar - Photovoltaic	NJ	11/2016	2551072 - 1 to 52	52	52	12/2016		Solar	
Transfer	<input checked="" type="checkbox"/>	CEPS			Solar - Photovoltaic	NJ	06/2016	2175276 - 1 to 64	64	64	07/2016		Solar	
Transfer	<input checked="" type="checkbox"/>	CEPS			Solar - Photovoltaic	NJ	11/2016	2552040 - 1 to 51	51	51	12/2016		Solar	
Transfer	<input checked="" type="checkbox"/>	CEPS			Solar - Photovoltaic	NJ	06/2016	2121392 - 1 to 77	77	77	07/2016		Solar	
Transfer	<input checked="" type="checkbox"/>	CEPS			Solar - Photovoltaic	NJ	11/2016	2537895 - 1 to 26	26	26	12/2016		Solar	
Transfer	<input checked="" type="checkbox"/>	CEPS			Solar - Photovoltaic	NJ	06/2016	2138915 - 1 to 99	99	99	07/2016		Solar	

- Click “Transfer”

6. Select “Used by the Account Holder for compliance with a state Renewable Portfolio Standard”

- * Enter Default Price for all RECs or individual prices for each set of RECs
- * Billable State = New Jersey
- * RPS Compliance Period = Jun 2016-May 2017
- * Select Retail LSE Subaccount

7. >> Click Submit

Default Price:

Transfer Certificates																		
Unit ID	Certificate Serial Number	Quantity	Transfer Quantity	Price per Certificate	Status	Facility Name	Fuel Type	Month of Generation	NJ	MD	DC	PA	DE	IL	OH	VA	Green-e Energy Eligible	EFEC Eligible
	2121392 - 1 to 77	77	77	243.69	CEPS		SUN	06/2016	Solar					Solar	Renewable			
	2138915 - 1 to 99	99	99	243.69	CEPS		SUN	06/2016	Solar					Solar	Renewable			
	2159437 - 1 to 76	76	76	243.69	CEPS		SUN	06/2016	Solar					Solar	Renewable			
	2175276 - 1 to 64	64	64	243.69	CEPS		1 SUN	06/2016	Solar					Solar	Renewable			
	2537895 - 1 to 26	26	26	236.29	CEPS		SUN	11/2016	Solar					Solar	Renewable			
	2551072 - 1 to 52	52	52	236.29	CEPS		SUN	11/2016	Solar					Solar	Renewable			
	2552040 - 1 to 51	51	51	236.29	CEPS		1 SUN	11/2016	Solar					Solar	Renewable			

Transfer 445 certificates to

Reserve

Note: Transferring certificates into the Reserve Subaccount can only be undone by the GATS Administrator.

Used by the Account Holder for compliance with a state Renewable Portfolio Standard

Used by the Account Holder to make environmental claims or to take out of circulation for environmental benefits reasons

Billable State:

RPS Compliance Period:

Retail LSE Subaccount:
Select a Subaccount

Environmental Claim:

State:
Default (NJ), Zone: AEEO
 Default (NJ), Zone: JCPL
 Default (NJ), Zone: PSEG
 Default (NJ), Zone: RECO

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