

# EY 2021 NJ RPS Compliance Coordination Meeting

Ronald Jackson, Research Scientist B. Scott Hunter, Manager NJBPU - Division of Clean Energy July 21, 2021

#### **MEETING LOGISTICS**



- All attendees will be automatically muted during the entire presentation.
- Questions? Comments? Please use the questions function in Zoom.
- This meeting is being recorded. A copy or the recording and slides will be made available by email and will be posted on the NJ Clean Energy Program website: <a href="RPS Compliance Reports">RPS Compliance Reports</a> | NJ OCE Web Site (njcleanenergy.com)

#### **AGENDA – JULY 21, 2021**



- 1. NJRPS Rules & Relevant Provisions of the Clean Energy Act
- 2. EY 2020 Results
- GATS Load Data for TPS and NJ S/REC Retirement Procedure (Presented by PJM-EIS Staff)
- 4. Procuring, Retiring & Allocating TRECs (Presented by TREC Admin.)
- 5. Requirements, Calculations for EY 21 Compliance Reporting
- 6. Retail Sales Calculations and the Process for Making Adjustments
- 7. Process, Procedures and Timelines for Submitting EY 21 Compliance Reports
- 8. EY 21 Sample Compliance Calculations
- 9. Questions

### **NJ RPS Regulatory History**



- Electric Discount and Energy Competition Act of 1999 (EDECA)
- Governor's Renewable Energy Task Force (04/24/03)
- RPS Rulemaking (2003, 2004, 2005, 2006, 2008, 2011, 2013, 2019, 2020, 2021)
- The "1<sup>st</sup> Solar Transition" (Docket No.EO06100744, Orders 2006 thru 2013)
- Global Warming Response Act (L. 2007, c. 340, 1/13/08)
- New Jersey's Energy Master Plan (2008, 2011, 2019)
- Solar Advancement Act of 2009 (L.1999 c.23)
- The Solar Act of 2012 (L. 2012, c. 24, 07/23/12)
- The "RRF vs. Large Hydro Act" (L. 2015, c. 51, 05/07/15)

....(cont)

### NJ RPS Regulatory History – (cont.)



- Clean Energy Act of 2018 (L. 2018, c. 17 05/23/18)
- "BGS/RPS" Rule Adoption (R.2019 d.100, 09/16/2019)
- Solar Transition Incentive (TI) Rule Adoption (52 N.J.R. 1850(a), 10/5/2020)
- Solar TI Proposed Rule Amendment (Board Approved 06/9/2021)
- Solar Successor Program (Signed By Governor 07/9/2021)
- Dual Use Solar Pilot Program (Signed By Governor 07/9/2021)
- Solar Successor Incentive Program Rule Proposal (Board Approval 07/14/2021)
- Cost Cap Rule Proposal (Board to Consider 07/28/2021)

### Clean Energy Act of 2018 (5/23/18)



- Amended RPS and Net Metering Rules in NJ
- Increased Class I Requirements; 21% by 1/1/20, 35% by 1/1/25, 50% by 1/1/30
- Class I RPS Costs Capped at 9% of EY19, EY20, EY21 Electricity Sales & 7% thereafter (subsequently amended to average costs from EY 19 to EY 24)
- Accelerated RPS Schedule for Solar in EY 19 EY 21; 4.3%, 4.9%, 5.1%
- Exempted BGS Provider Existing Supply Contracts (Prior to 05/23/18) from new Solar Requirements 100% in EY 19, 66% in EY 20, and 33% in EY 21 are exempt
- "This limited exemption for providers existing supply contracts shall not be construed to lower the State wide solar requirement..."
- Requires distribution of the incremental solar obligation avoided by the exemption among the non-exempt electricity supplied by BGS Providers
- Revised and Reduced SACP Schedule EY 20 extended to EY 33. EY 21 = \$248

## RPS/BGS Rule Adoption (9/16/19)



- Increased the Class I RPS obligation to 50% by 2030 (Table A)
- Increased the solar RPS for the next three EY while exempting contracted BGS supply from the increased solar obligations
- Requires allocation of the avoided increase from the exemption in a competitively neutral manner
- Sets a Class I RPS cost cap that is equal to nine percent of total retail sales in EY19, EY20, and EY21 and seven percent thereafter
- Removed the provision that TPS/BGS Providers can submit Class I RECs to satisfy their Class II RPS Requirements; and
- Makes the solar requirement a carve-out within the Total Class I requirement beginning in EY20 (non-exempt supply).

## **EY20 Report & Review**



#### **RESULTS POSTED ON NJ CLEAN ENERGY WEBSITE AT:**

RPS Compliance Reports | NJ OCE Web Site (njcleanenergy.com)

#### **TOTAL REPORTED RETAIL SALES – 71,695,423 MWHRS**

#### **Energy Year 2020 (EY20) Information**

- RPS Report Summary 2005-2020
- NJ RPS EY20 Compliance Instruction Memo
- Timeline for EY20 RPS Compliance Reporting
- Reporting Instructions
- RPS Compliance Certification Instructions
- ACP SACP Payment Instructions
- TPS RPS Reporting Spreadsheet
- EDC BGS Reporting Spreadsheet
- Overview of GATS Load Data for NJ Electricity Suppliers
- RPS Compliance Presentation

## **EY20 Compliance Results**



EY 2020 - Summary of Estimated RPS Compliance Results

Reported Retail Sales - 71,695,423

Table 1. S/RECs Retired Reported Prices & Estimated Costs

Energy Year	Solar No. of RECs	Solar Weighted Avg. Price	Solar Estimated Total Cost	Class I No. of RECs	Class I Weighted Avg. Price	Class I Estimated Total Cost	Class II No. of RECs	Class II Weighted Avg. Price	Class II Estimated Total Cost	Total Est. S/REC Costs
EY2016	8,966	\$177.19	\$1,588,684.98	0	\$0.00	\$0.00	0	\$0.00	\$0.00	\$1,588,684.98
EY2017	21,343	\$224.36	\$4,788,555.33	0	\$0.00	\$0.00	0	\$0.00	\$0.00	\$4,788,555.33
EY2018	31,400	\$220.36	\$6,919,283.06	1,008,645	\$8.17	\$8,239,638.15	0	\$0.00	\$0.00	\$6,919,283.06
EY2019	432,117	\$223.46	\$96,559,291.05	3,637,936	\$9.06	\$32,963,509.08	0	\$0.00	\$0.00	\$96,559,291.05
EY2020	2,793,501	\$217.92	\$608,772,769.60	5,432,346	\$8.98	\$48,794,744.18	1,758,386	\$5.36	\$9,424,948.96	\$608,772,769.60
Total	3,287,327	\$218.61	\$718,628,584.02	10,078,927	\$8.93	\$89,997,891.41	1,758,386	\$5.36	\$9,424,948.96	\$818,051,424.39
S/RECs Not Retired Due to TPS Bankruptcies	10,432	\$218.61	\$2,280,539.52	34,127	\$8.93	\$304,754.11	5,323	\$5.36	\$28,531.28	\$2,613,824.91

#### Table 2. S/ACPs Remitted for EY209 Compliance

	# Solar	SACP	Cost	# Class I	ACP	Cost	# Class II	ACP	Cost	Total S/ACP Costs
	12	\$258.00	\$3,096.00	20	\$50.00	\$1,000.00	135	\$50.00	\$6,750.00	\$10,846.00
Table 4 Unretired	I SDECs Availa	blo in GATS after F	V20 Compliance Acc	counting (as	of 12/03/202	0)		Tal	blo 2 EV 20 PBS	Cost of Compliance

Table 4. Unretired	SRECs Availab	e in GATS after EY20 Compliance Accounting (as of 12/03/2020)	Table 3. EY 20 RPS (	Cost of Compliance
EY2016	4,128		Cost S/REC	\$818,051,424.39
EY2017	9,049		Cost S/ACP	\$10,846.00
EY2018	14,454		Total Cost (EST)	\$818,062,270.39
EY2019	40,585			
EY2020	564,195			
	632,411			

### **EY20 RPS SALES ADJUSTMENTS**



 67 TPSs submitted retail sales adjustment requests by the September 4<sup>th</sup> deadline.

The aggregate adjustments reduced the PJM
 Settlement Market by 1,072,296 MWhrs to arrive at market-wide retail sales.

#### **PJM-EIS GATS Presentation**



## Overview of GATS Load Data for NJ Electricity Suppliers

Ken Schuyler, President PJM EIS Jaclynn Lukach, Vice President PJM EIS

# Overview of GATS Load Data for NJ Electricity Suppliers

NJ RPS Compliance Coordination Meeting
July 2021







## **First** of the month

All production estimate systems are processed

## 6<sup>th</sup> – 10<sup>th</sup> business day of the month

PJM Settlements Data is loaded into GATS

## 7 days before last business day of the month

TPR window closes

## Last Business Day of the Month

- All PJM generators and remaining validated systems are processed
- · Load obligations are processed
- · Billing is processed









Daily Certification Creation – 5 Day Delay

NOTE: Generation can only be processed once a month

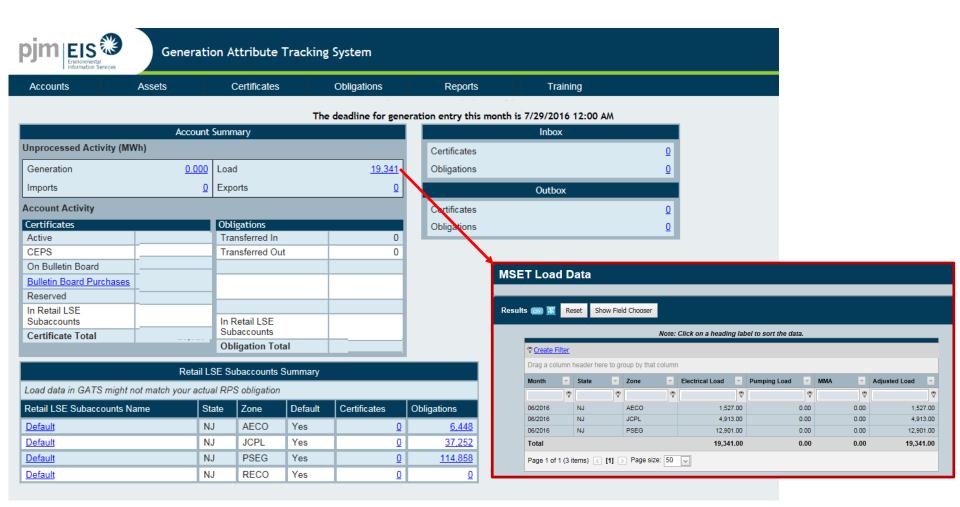
## pjm EIS S

#### Market Settlements Load Data in GATS

- 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 not billed based on load served</li>
- Invoices can be viewed in GATS: Accounts > GATS Invoices
- Load reconciliations from PJM are available in GATS
- Original Load values will be displayed in GATS as before, but load will be processed on a twomonth lag in order to include Reconciliations
- Billing will still occur based on the original, unreconciled load values



#### Viewing Markets Settlements Load Data in GATS

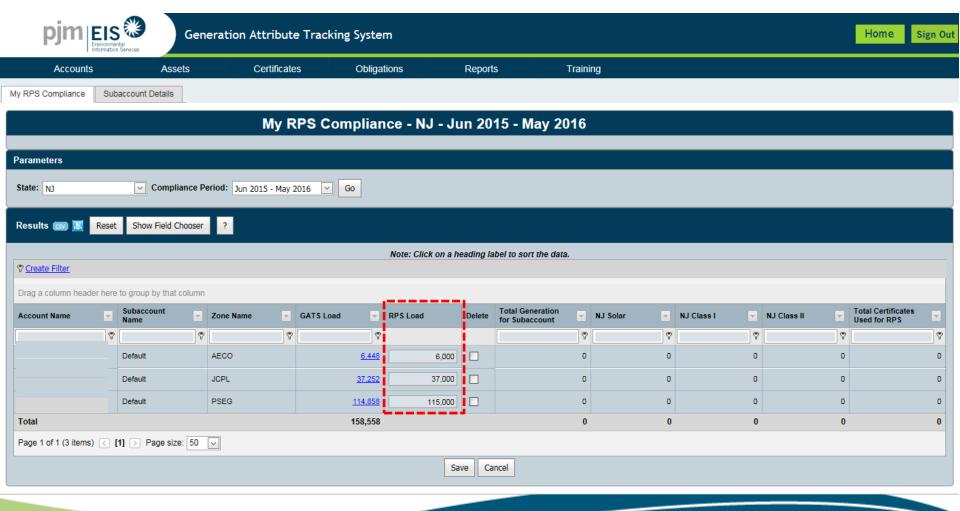


Load data in GATS might not match your actual RPS obligation!!!



#### Entering "RPS Load" on the My RPS Compliance report

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

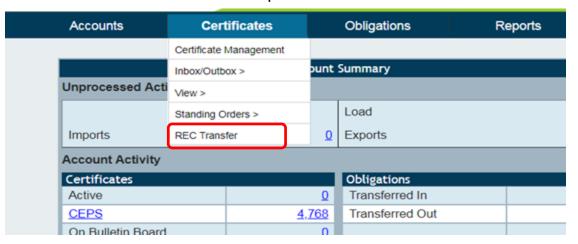




### NJ S/REC RETIREMENT PROCEDURE



1. Select REC Transfer from the Certificates Drop Down

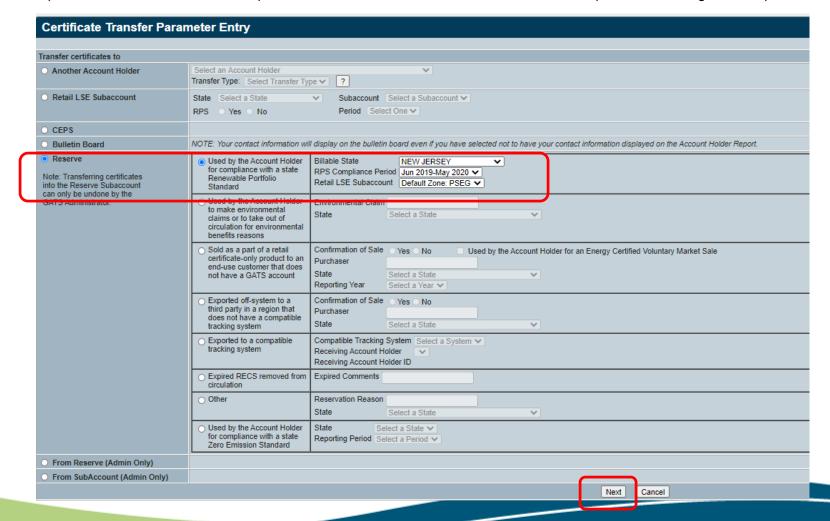


NOTE: You can also initiate a single transfer from clicking on the REC numbers under CEPS or Active



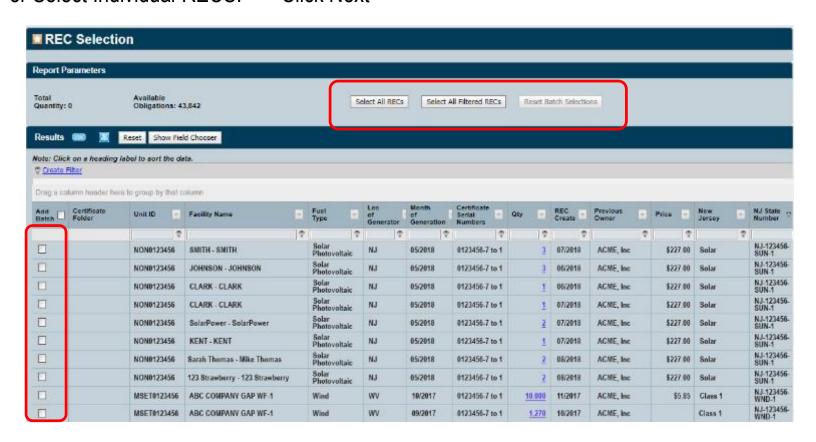
#### 2. Select Certificate Transfer Parameters for Reserve >> Click Next

(Note: Billable State, RPS Compliance Period and Retail LSE Subaccount are required for retiring for RPS)



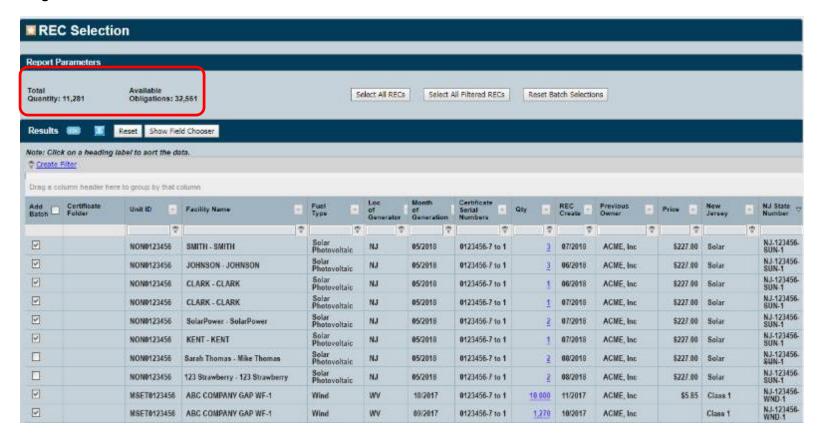


3. Select the RECs you wish to transfer by choosing Select ALL RECs, Select ALL Filtered RECS, or Select Individual RECS. >> Click Next





4. You can view the total quantity being added to the Batch Transfer compared to the total obligations that are available





The system will only allow you to select as many RECs as available Obligations

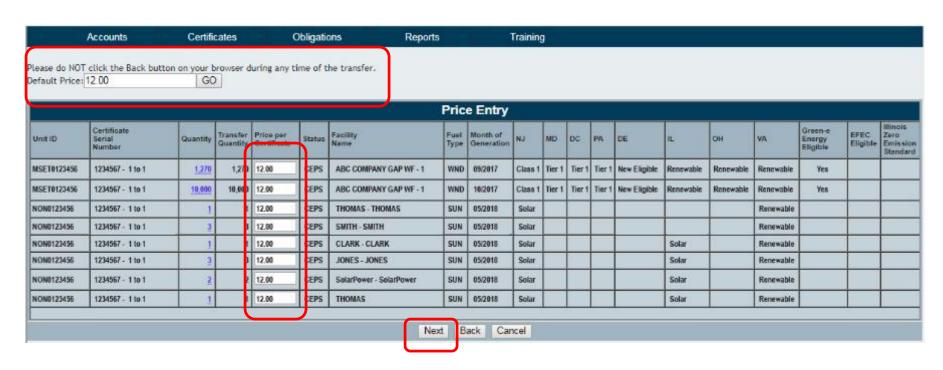


The system will issue you a warning if you exceed the available obligations



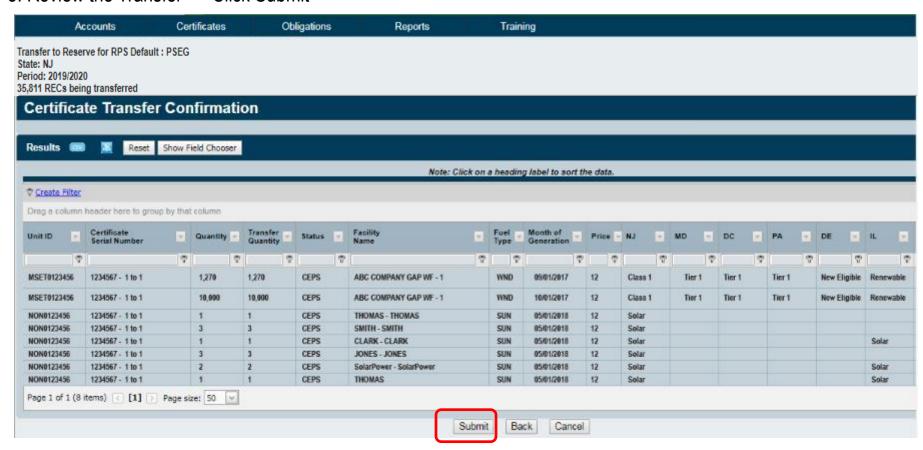


#### 5. Enter in the price >> Click Next





#### 5. Review the Transfer >> Click Submit





#### **Creating Folders in GATS**

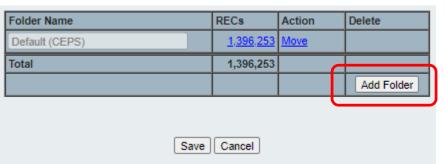
#### Folders can be created and modified for RECs within the CEPS Subaccount

1. Select Certificate Management from the Certificates Drop Down



2. Click on More to open a Field to enter in your folder name

(Note: "More" will be renamed to "New Folder")



3. Enter a Name for the Folder >> Click Save

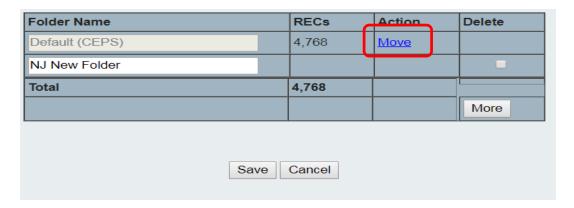
Folder Name	RECs	Action	Delete
Default (CEPS)	1,396,253	<u>Move</u>	
NJ New Folder			
Total	1,396,253		
			Add Folder
Save	Cancel		



1. Select Certificate Management from the Certificates Drop Down



2. Click on "Move" to move RECs from the CEPS Default to another folder

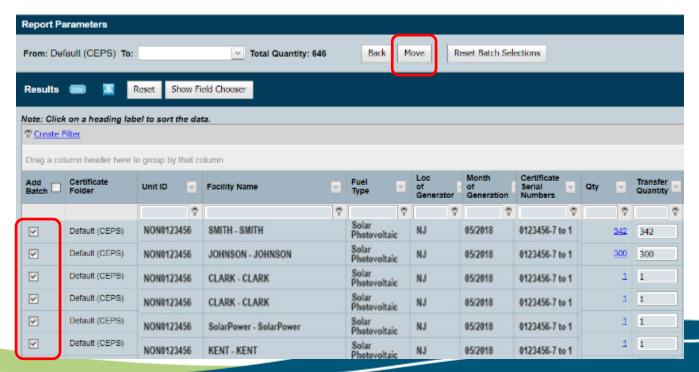




3. Select which Folder you are moving RECs "To" in the To Drop Down



4. Select the RECs you wish to move by selecting the check boxes to the left >> Click Move



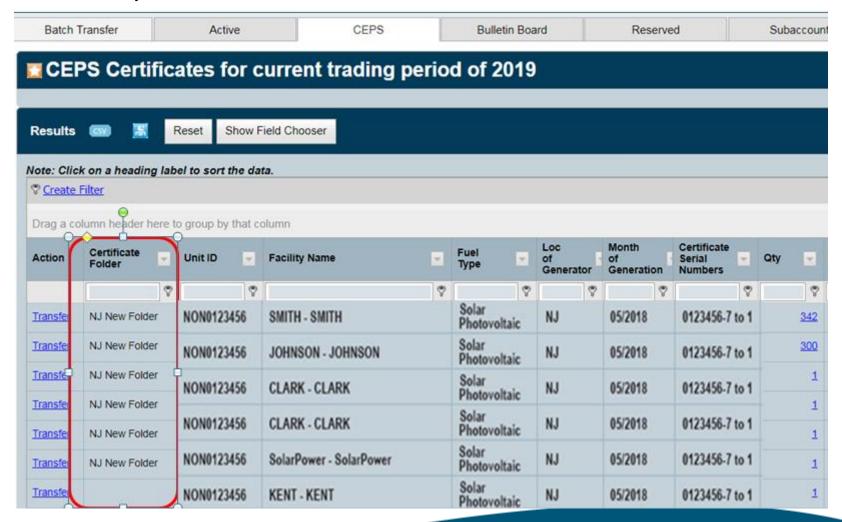


#### 5. The RECs will now be in the new folder

Folder Name	RECs	Action	Delete
Default (CEPS)	4,122	Move	
NJ New Folder	646	Move	
Total	4,768		



#### 6. View the RECs in your CEPS Subaccount with the Certificate Folder Labeled





# GATS Technical & Customer Service / Administrative Support

**GATS Administrators** 

610-666-2245

1-877-750-GATS (4287)

610-771-4114 (fax)

GATSAdmin@pjm-eis.com

www.pjm-eis.com



## EY21 Process for Procuring, Retiring and Allocating TRECs

TREC Program Administrator InClime Inc.

July 21, 2021

## PROCURING, RETIRING & ALLOCATING TREC CERTIFICATES



- Preliminary documents for the July 2021 Invoice cycle were issued by the TREC Program Administrator, InClime Inc., to the EDCs on Thursday, July 1<sup>st</sup>
- This included all certificates received from facilities set up for TREC payments at <a href="https://trecsnj.com/">https://trecsnj.com/</a> with a Month of Generation from May 2020 (start of the TREC program) to May 2021 (end of EY21)
- InClime Inc. will retire all TREC certificates invoiced through July 2021 and report to the BPU the total number of TREC certificates being retired into the subaccount(s) of the TREC Program Administrator GATS account (TREC -Joint NJ EDC Account)
  - Any TREC certificates created for EY21 after the July 2021 invoice will be retired the next Energy Year (EY22)
  - TREC certificates from EY20 will no longer be eligible for payments from the EDCs in the program. For EY22, this impacts May 2020 certificates only.
- Finally, TRECs will reduce Class I requirements by this amount and calculate allocations for each TPS/BGS based their market share of retail sales.

#### **RPS REPORTING TIME LINE**



#### **Process for EY21**

- PJM load figures are available to BGS/TPS in GATS (June 10<sup>th</sup>)
- EDCs Fill Out and submit Retail Sales Data Spreadsheet (By August 10<sup>th</sup>)
- DCE to Post Retail Sales Adjustment Procedure (By August 17<sup>th</sup>)
- BGS/TPS Sales Adjustment Requests Due and Posted in GATS "My RPS Compliance Report" (August 17<sup>th</sup> – Sept. 10<sup>th</sup>)
- DCE Posts Final Retail Sales Figures Based on GATS Load numbers and Sales Adjustment Requests (By September 30<sup>th</sup>)
- Posted Retail Sales Numbers are <u>FINAL</u> and <u>Must</u> be used for RPS Compliance
- EY21 True-up period ends and all RPS Compliance reports are due (By December 1<sup>th</sup>)

## **RPS REQUIREMENTS**



Table A
What Percentage of Energy Supplied Must Be TRECs, SRECs, Class I, or Class II Renewable Energy

<b>Energy Year</b>	TRECs	SRECs	Class I	Class II	Total
June 1, 2020 - May 31, 2021	based on retail sales**	5.10%	21.0%	2.50%	23.50%
June 1, 2020 - May 31, 2021*	based on retail sales**	3.47%*	21.0%*	2.50%*	26.97%*
June 1, 2021 - May 31, 2022	based on retail sales**	5.10%	21.0%	2.50%	23.50%
June 1, 2022 - May 31, 2023	based on retail sales**	5.10%	22.0%	2.50%	24.50%

(\*BGS Providers with existing contracts)

\*\*The TREC Obligation expressed as a percentage of retail sales in a given energy year will not be known until each energy year when the volume of retail sales subject to the RPS has been determined. Allocation of the Statewide obligation to individual TPS/BGS providers will follow the method set forth at (r) and (t) below.

## **EY21 EDC REPORTING SPREADSHEET**



EDC Retail Sales by TPS/BGS Provider								
NJ RPS Energy Year 2021 ( Period Covering June 1, 2020 thru May 31, 2021)								
INSERT EDC NAME INSERT EDC Contact Person Name and Phone Number		+						
HOLKT EDG CONTACT FERSON Name and Finding Number								
I. BGS Provider Retail Sales	Exempt Sales	T	Retail Sales Non-Exempt Sales					
List Each BGS Provider Serving NJRPS EY21 Retail Sales	BGS Auction 2018	BGS Auction 2019	BGS Auction 2020	Total BGS Sales (MWh)				
1. INSERT BGS Provider 1. Name	13,000,000			13,000,000				
2. INSERT BGS Provider 2. Name INSERT BGS Provider 3. Name		15,000,000	12,000,000	15,000,000 12,000,000				
NSERT ROWS and BGS Provider Names as necessary			,,	0				
(X equals the number of BGS providers with NJRPS EY21 Retail Sales)								
I. a. EDC Retail Sales Served By BGS Providers by BGS Auction:  L. b. EDC Retail Sales Exempt:	13,000,000			40,000,000				
I. c. EDC Retail Sales Non-Exempt:	13,000,000	15,000,000	12,000,000	13,000,000				
I. d. EDC Total BGS Retail Sales:	13,000,000	15,000,000	27,000,000	27,000,000 40,000,000				
I. G. EDC TOTAL BUS RECEIL SELECT	13,000,000	1	27,000,000	40,000,000				
I. Third Party Supplier (TPS) Retail Sales				Total TPS Sales (MWh)				
List All TPS Serving NJRPS EY21 Retail Sales  INSERT TPS Provider 1. Name				11,000,000				
2 INSERT TPS Provider 2. Name Y INSERT ROWS and TPS Names as necessary to Y.				11,000,000 11,000,000				
(Y equals the number of TPS with NJRPS EY21 Retail Sales)				11,000,000				
II.a. EDC Sub Total Retail Sales Served By TPS Providers:				33,000,000				
II.b. EDC Total Retail Sales Served By BGS and TPS:				73,000,000				
III. EDC Total Retail Sales								
		1						
	Amount Served (MWh)	EY 2021 RPS Obligation %	RPS Obligation					
	Amount Served (MWh)	EY 2021 RPS Obligation %	RPS Obligation	Total Obligation				
I. EDC Exempt Retail Sales Served By BGS Providers:	Amount Served (MWh)	EY 2021 RPS Obligation %	RPS Obligation	Total Obligation				
I. EDC Exempt Retail Sales Served By BGS Providers:  Exempt Solar	13,000,000	EY 2021 RPS Obligation %	RPS Obligation 481,100	Total Obligation 451,100				
	13,000,000 40,000,000							
Exempt Solar	13,000,000	3.470%	481,100	451,100				
Exempt Solar Class I	13,000,000 40,000,000 40,000,000	3.470% 21.000%	481,100 8,400,000 1,000,000	451,100 8,400,000				
Exempt Solar Class I Class II	13,000,000 40,000,000	3.470% 21.000%	451,100 8,400,000	451,100 8,400,000				
Exempt Solar  Class I  II. EDC Non-Exempt Retail Sales Served By BGS Providers:  Non-Exempt Solar	13,000,000 40,000,000 40,000,000 27,000,000	3.470% 21.000% 2.500%	451,100 8,400,000 1,000,000	451,100 8,400,000 <b>1,000,000</b> 1,377,000				
Exempt Solar Class II II. EDC Non-Exempt Retail Sales Served By BGS Providers: Non-Exempt Solar EY 2019 & 2020 BGS Deferred Solar Requirement	13,000,000 40,000,000 40,000,000 27,000,000	3.470% 21.000% 2.500% 5.100% al BOS Deferred Solar Calculation = (NE Solar Se	451,100 8,400,000 1,000,000 1,377,000 aloa/Total EDC NE Solar Sales)*386,732	451,100 8,400,000 1,000,000 1,377,000 386,732				
Exempt Solar Class II  II. EDC Non-Exempt Retail Sales Served By BGS Providers: Non-Exempt Solar EY 2019 & 2020 BGS Deferred Solar Requirement Total BGS Solar Requirement	13,000,000 40,000,000 40,000,000 27,000,000	3.470% 21.000% 2.500% 5.100% si BOS Deferred Solar Calculation = (NE Solar St	451,100 8,400,000 1,000,000 1,377,000 altes/Total EDC NE Solar Sales)*385,732	451,100 8,400,000 1,000,000 1,377,000 386,732 2,214,832				
Exempt Solar Class I  II. EDC Non-Exempt Retail Sales Served By BGS Providers:  Non-Exempt Solar EY 2019 & 2020 BGS Deferred Solar Requirement Total BGS Solar Requirement TREC Requirement	13,000,000 40,000,000 40,000,000 27,000,000	3.470% 21.000% 2.500%  5.100%  8 BGS Deferred Solar Calculation = (NE Solar Selar Selar Solar + NE Solar + EY 18	451,100 8,400,000 1,000,000 1,377,000 alce/Total EDC NE Solar Sales)*366,732 8 20 Deferred Solar Times Total Statewide TRECs	451,100 8,400,000 1,000,000 1,377,000 386,732 2,214,832 84,798				
Exempt Solar Class II  II. EDC Non-Exempt Retail Sales Served By BGS Providers: Non-Exempt Solar EY 2019 & 2020 BGS Deferred Solar Requirement Total BGS Solar Requirement	13,000,000 40,000,000 40,000,000 27,000,000	3.470% 21.000% 2.500% 5.100% si BOS Deferred Solar Calculation = (NE Solar St	451,100 8,400,000 1,000,000 1,377,000 alce/Total EDC NE Solar Sales)*366,732 8 20 Deferred Solar Times Total Statewide TRECs	451,100 8,400,000 1,000,000 1,377,000 386,732 2,214,832				
Exempt Solar Class II II. EDC Non-Exempt Retail Sales Served By BGS Providers: Non-Exempt Solar EY 2019 & 2020 BGS Deferred Solar Requirement Total BGS Solar Requirement Total BGS Class I Requirement	13,000,000 40,000,000 40,000,000 27,000,000	3.470% 21.000% 2.500%  5.100%  8 BGS Deferred Solar Calculation = (NE Solar Selar Selar Solar + NE Solar + EY 18	451,100 8,400,000 1,000,000 1,377,000 alce/Total EDC NE Solar Sales)*366,732 8 20 Deferred Solar Times Total Statewide TRECs	451,100 8,400,000 1,000,000 1,377,000 386,732 2,214,832 84,798				
Exempt Solar Class I  II. EDC Non-Exempt Retail Sales Served By BGS Providers:  Non-Exempt Retail Sales Served By BGS Providers:  Pon-Exempt Solar  EY 2019 & 2020 BGS Deferred Solar Requirement  Total BGS Solar Requirement  TREC Requirement  Total BGS Class I Requirement  III. EDC Total Retail Sales Served By TPS (Non-Exempt):	13,000,000 40,000,000 40,000,000 27,000,000	3.470% 21.000% 2.500% 5.100% al BGS Deferred Solar Calculation = (NE Solar Si Exempt Solar + NE Solar + EY 19 BGS Rotall Sales Total State Retail Sales BGS Class I minus (Non Exempt Solar	451,100 8,400,000 1,000,000 1,377,000 alce/Total EDC NE Solar Sales)*386,732 8 20 Deferred Solar Times Total Statewide TRECs + Deferred Solar + TRECs)	451,100 8,400,000 1,000,000 1,377,000 386,732 2,214,832 54,795 6,581,473				
Exempt Solar Class II II. EDC Non-Exempt Retail Sales Served By BGS Providers: Non-Exempt Solar EY 2019 & 2020 BGS Deferred Solar Requirement Total BGS Solar Requirement Total BGS Class I Requirement	13,000,000 40,000,000 40,000,000 27,000,000 Tot	3.470% 21.000% 2.500%  5.100%  8 BGS Deferred Solar Calculation = (NE Solar SEE SEE SEE SEE SEE SEE SEE SEE SEE SE	451,100 8,400,000 1,000,000 1,377,000 alce/Total EDC NE Solar Sales)*368,732 8 20 Deferred Solar Times Total Statewide TRECs + Deferred Solar + TRECs)	451.100 8,400,000 1,000,000 1,377,000 366,732 2,214,832 54,798 6,581,473				
Exempt Solar Class II  II. EDC Non-Exempt Retail Sales Served By BGS Providers:  Non-Exempt Solar EY 2019 & 2020 BGS Deferred Solar Requirement Total BGS Solar Requirement TREC Requirement Total BGS Class I Requirement	13,000,000 40,000,000 40,000,000 27,000,000 Tot	3.470% 21.000% 2.500%  5.100%  al BGS Deferred Solar Calculation = (NE Solar S  Exempt Solar + NE Solar + EY 18  BGS Rotall Sales/Total State Retail Sales  BGS Class I minus (Non Exempt Solar  5.100% 21.000%	481,100 8,400,000 1,000,000 1,377,000 slee/Total EDC NE Solar Sales)*386,732 8. 20 Deferred Solar Times Total Statewide TRECs + Deferred Solar + TRECs) 1,683,000 8,930,000	451,100 8,400,000 1,000,000 1,377,000 386,732 2,214,832 84,795 6,591,473 1,683,000 6,930,000				
Exempt Solar Class II II. EDC Non-Exempt Retail Sales Served By BGS Providers: Non-Exempt Solar EY 2019 & 2020 BGS Deferred Solar Requirement Total BGS Solar Requirement Total BGS Class I Requirement III. EDC Total Retail Sales Served By TPS (Non-Exempt): Non-Exempt Solar Class II	13,000,000 40,000,000 40,000,000 27,000,000 Tot	3.470% 21.000% 2.500% 5.100% al BGS Deferred Solar Calculation = (NE Solar St Exempt Solar + NE Solar + EY 19 BGS Rotall Salee/Total State Rotall Salee BGS Class I minus (Non Exempt Solar 5.100% 21.000% 2.500%	451,100 8,400,000 1,000,000 1,000,000 1,277,000 aloa/Total EDC NE Solar Salea)*388,732 8. 20 Deferred Solar Times Total Statewide TRECs + Deferred Solar + TRECs)  1,883,000 8,830,000 825,000	451,100 8,400,000 1,000,000 1,377,000 386,732 2,214,832 84,798 6,881,473 1,883,000 6,930,000 825,000				
Exempt Solar Class II  II. EDC Non-Exempt Retail Sales Served By BGS Providers:  Non-Exempt Solar  EY 2019 & 2020 BGS Deferred Solar Requirement Total BGS Solar Requirement Total BGS Class I Requirement	13,000,000 40,000,000 40,000,000 27,000,000 Tot	3.470% 21.000% 2.500% 5.100% al BGS Deferred Solar Calculation = (NE Solar St Exempt Solar + NE Solar + EY 19 BGS Rotall Sales/Total State Retail Sales BGS Class I minus (Non Exempt Solar 5.100% 21.000% 2.500% TPS Retail Sales/Total State Retail Sales	451,100 8,400,000 1,000,000 1,000,000 1,377,000 alce/Total EDC NE Solar Sales)*385,732 8 20 Deferred Solar Times Total Statewide TRECs + Deferred Solar + TRECs) 1,883,000 8,930,000 825,000 Times Total Statewide TRECs	451,100 8,400,000 1,000,000 1,377,000 386,732 2,214,832 54,798 9,581,473 1,683,000 6,830,000 825,000 45,205				
Exempt Solar Class II II. EDC Non-Exempt Retail Sales Served By BGS Providers: Non-Exempt Solar EY 2019 & 2020 BGS Deferred Solar Requirement Total BGS Solar Requirement Total BGS Class I Requirement III. EDC Total Retail Sales Served By TPS (Non-Exempt): Non-Exempt Solar Class II	13,000,000 40,000,000 40,000,000 27,000,000 Tot	3.470% 21.000% 2.500% 5.100% al BGS Deferred Solar Calculation = (NE Solar St Exempt Solar + NE Solar + EY 19 BGS Rotall Salee/Total State Rotall Salee BGS Class I minus (Non Exempt Solar 5.100% 21.000% 2.500%	451,100 8,400,000 1,000,000 1,000,000 1,377,000 alce/Total EDC NE Solar Sales)*385,732 8 20 Deferred Solar Times Total Statewide TRECs + Deferred Solar + TRECs) 1,883,000 8,930,000 825,000 Times Total Statewide TRECs	451,100 8,400,000 1,000,000 1,377,000 386,732 2,214,832 84,798 6,881,473 1,883,000 6,930,000 825,000				
Exempt Solar Class II  II. EDC Non-Exempt Retail Sales Served By BGS Providers:  Non-Exempt Solar  EY 2019 & 2020 BGS Deferred Solar Requirement Total BGS Solar Requirement Total BGS Class I Requirement	13,000,000 40,000,000 40,000,000 27,000,000 Tot	3.470% 21.000% 2.500% 5.100% al BGS Deferred Solar Calculation = (NE Solar St Exempt Solar + NE Solar + EY 19 BGS Rotall Sales/Total State Retail Sales BGS Class I minus (Non Exempt Solar 5.100% 21.000% 2.500% TPS Retail Sales/Total State Retail Sales	451,100 8,400,000 1,000,000 1,000,000 1,377,000 alce/Total EDC NE Solar Sales)*385,732 8 20 Deferred Solar Times Total Statewide TRECs + Deferred Solar + TRECs) 1,883,000 8,930,000 825,000 Times Total Statewide TRECs	451,100 8,400,000 1,000,000 1,377,000 386,732 2,214,832 54,798 9,581,473 1,683,000 6,830,000 825,000 45,205				

## EY21 EDC RETAIL SALES SPREADSHEET TOP SECTION - DATA ENTRY (COMPLETED BY THE EDCS)



	EDC Retail Sales by TPS/BGS Provider								
	NJ RPS Energy Year 2021 (Period Covering June 1, 2020 thru May 31, 2021	1)							
	INSERT EDC NAME								
	INSERT EDC Contact Person Name and Phone Num								
I.	BGS Provider Retail Sales			Retail Sales					
		Exempt Sales							
	List Each BGS Provider Serving NJRPS EY21 Retail Sales	BGS Auction 2018	BGS Auction 2019	BGS Auction 2020	Total BGS Sales (MWh)				
Ų.									
1.	INSERT BGS Provider 1. Name	0	0	0	0				
2.	INSERT BGS Provider 2. Name	0	0	0	0				
	INSERT BGS Provider 3. Name	0	0	0	0				
X.	INSERT ROWS and BGS Provider Names as necessary	0	0	0	0				
	(X equals the number of BGS providers with NJRPS EY21 Retail Sales)								
	I. a. EDC Retail Sales Served By BGS Providers by BGS Auction:				0				
	I. b. EDC Retail Sales Exempt:	0		<u>,                                      </u>	0				
	I. c. EDC Retail Sales Non-Exempt:		0	0	0				
	I. d. EDC Total BGS Retail Sales:	0		0	0				
II	. Third Party Supplier (TPS) Retail Sales				Total TPS Sales (MWh)				
	List All TPS Serving NJRPS EY21 Retail Sales								
1.	INSERT TPS Provider 1. Name				0				
2.	INSERT TPS Provider 2. Name				0				
Υ	INSERT ROWS and TPS Names as necessary to Y.				0				
	(Y equals the number of TPS with NJRPS EY21 Retail Sales)								
	II.a. EDC Sub Total Retail Sales Served By TPS Providers:				0				
	II.b. EDC Total Retail Sales Served By BGS and TPS:				0				

# EY21 RETAIL SALES ADJUSTMENT PROCEDURE



- Instructions emailed and posted (August 17<sup>th</sup>)
- TPS/BGS Providers (EDCs) submit requests with written justification (August 17th to Sept. 10th)
- Request not submitted by these dates will be denied. PJM load numbers will be used.
- Final Statewide Retail Sales Number will be posted around Sept 30<sup>th</sup>.

# RETAIL SALES ADJUSTMENT DOCUMENTATION (SAMPLE)



#### EY 2021 RETAIL SALES ADJUSTMENT REQUEST VERIFICATION INFORMATION

TPS NAME: Date Submitted:

EDC	PJM-EIS GATS Load	RPS Compliance  Metered Load	Line Loss Factor	Line Loss Percentage
	_	_		
AECO	0	0		
JCPL	0	0		
PSEG	0	0		
RECO	0	0		
TOTAL	0	0		

**Metered Load and Line Loss Factor Sources:** 

#### **EY21 REQUIREMENTS**



Energy Year 2021	TRECs	SRECs	Class I	Class II	Total
June 1, 2020 - May 31, 2021	based on retail sales**	5.10%	21.0%	2.50%	23.50%
June 1, 2020 - May 31, 2021*	based on retail sales**	3.47%*	21.0%*	2.50%*	26.97%*

(\*BGS Providers with existing contracts)

\*\*The TREC Obligation expressed as a percentage of retail sales in a given energy year will not be known until each energy year when the volume of retail sales subject to the RPS has been determined. Allocation of the Statewide obligation to individual TPS/BGS providers will follow the method set forth at (r) and (t) below.

### TRECS REQUIRED (N.J.A.C. 14:8-2.3)



- (d) Beginning in EY20, SREC obligations and TREC obligations are a component of class I renewable energy requirements, and satisfaction of SREC and TREC obligations shall be counted toward class I renewable energy requirements....
- (r) Each megawatt-hour (MWh) of retail electricity supplied in New Jersey by a TPS/BGS provider subject to this subchapter carries with it an accompanying TREC obligation. For any electricity supplied by a TPS/BGS provider, such supplier/provider shall calculate its TREC obligation based upon the total number of TRECs procured by the TREC Administrator within the applicable Energy Year and the market share of retail electricity sold by the supplier/provider within the Energy Year....

### TRECS REQUIRED (N.J.A.C. 14:8-2.3)



(t) During the true-up period following each Energy Year, Board staff shall calculate the market share of total Statewide retail electricity sold by each TPS/BGS provider. The TREC Administrator will allocate a proportionate percentage of the total TRECs procured during the Energy Year to each TPS/BGS Provider. Each TREC allocated by the TREC Administrator shall be retired by, or on behalf of, the TPS/BGS Provider.

# **EY21 TREC RETIREMENT AND ALLOCATION**



- EY21 TREC Totals and Allocations Finalized
- TREC Admin to Retire Total TRECs in TREC Joint NJ EDC GATS Account
- EY21 TREC market share allocation to TPS/BGS
   Providers (Calculated using BGS and TPS Recording Spreadsheets)

## **EY21 SOLAR CALCULATION - BGS PROVIDERS**



- BGS Solar Req. = 5.10% X Total Retail Sales (I)
- BGS Provider Sales from 2018 Auction are Exempt (II)
- BGS Provider Sales from 2019 and 2020 Auction are Non-Exempt (III)
- BGS Providers Req. = (II) X 3.47% Plus (III) X 5.10% = (IV)
- BGS EY19 (204,886) Plus EY20 (181,886) Deferred Solar Req. = 386,752 X BGS Market Share % (V)
- Total BGS Solar Req. = (IV) Plus (V)
- EY21 Deferred Solar Req. Split Between EY22 and EY23 = (I) (IV)

# EY21 SOLAR CALCULATION - BGS DEFERRED SREC CALCULATION



#### **BGS EY Deferred Banked SREC Calculations**

BGS EY 2019 Deferred Banked SREC Calculation						
Total Solar Req (2018 CEA) 3,317,351						
Total Solar (With BGS Exemption)	2,907,579					
Difference (Split EY 2020 & EY 2021)	409,772					
Yearly Split	204,886					

Due in EY 2020 - 204,886 (1/2 EY 2019 Deferred Solar Requirement)

BGS EY 2020 Deferred Banked SREC Calculation					
Total Solar Req (2018 CEA) 1,917,997					
Total Solar (With BGS Exemption)	1,554,265				
Difference (Split EY 2021 & EY 2022) 363,732					
Yearly Split 181,866					

# **EY21 SOLAR CALCULATION - BGS DEFERRED SREC CALCULATION**



Due in EY 2021 - 204,886 (1/2 EY 2019	Deferred Solar Requirement) + 181,866 (1/	2 EY 2020 Deferred Sol	ar Requirement) =	386,752
Future Calculations				
Due in EY 2022 - 181,866 (1/2 EY 2020	Deferred Solar Requirement) + (1/2 EY 20	21 Deferred Solar Requ	irement) = TBD	
Due in EY 2023 - (1/2 EY 2021 Deferred	Solar Requirement) = TBD			

## EY21 CLASS I & II CALCULATION - BGS PROVIDERS



- BGS Class I Calc. = 21.00% x Retail Sales (A)
- BGS Provider Non Exempt Solar = 5.10% X Retail Sales from 2019 and 2020 BGS Auctions(B)
- BGS EY19 & EY20 Deferred Solar Req. = <u>386,752</u> X BGS Non- Exempt Solar Market Share % (C)
- BGS TREC Allocation = Total Statewide TRECs x BGS Retail Sales Market Share % (D)
- Total BGS Class I Requirement = (A) (B) (C) (D)
- BGS Class II Req. = 2.50% x Total EY21 Retail Sales

# EY21 SOLAR, CLASS I & II CALCULATION - TPS



- TPS SREC Req. = 5.10% x Retail Sales (A)
- TPS Class I Calc. = 21.00% x Retail Sales (B)
- TPS TREC Allocation = Total Statewide TRECs x
   TPS Retail Sales Market Share % (C)
- Total TPS Class I Req. = (B) (A) (C)
- TPS Class II Req. = 2.50% X Total EY21 Retail
   Sales

# EY21 EDC RETAILS SALES SPREADSHEET — SAMPLE COMPLIANCE CALCULATIONS



II. EDC Total Retail Sales						
	Amount Served (MWh)	EY 2021 RPS Obligation %	RPS Obligation	Total Obligation	BGS EY 2021 Deferred Banked SRE	C Calculation
						MWh
EDC Exempt Retail Sales Served By BGS Providers:					Total Solar Req (2018 CEA)	3,723,000
Exempt Solar	13,000,000	3.470%	451,100	451,100	Total Solar (With BGS Exemption)	3,511,100
Class	40,000,000	21.000%	8,400,000	8,400,000	Difference (Split EY 2022 & EY 2023)	211,900
Class I	40,000,000	2.500%	1,000,000	1,000,000	Yearly Split	105,950
EDC Non-Exempt Retail Sales Served By BGS Providers:						
Non-Exempt Sola	27,000,000	5.100%	1,377,000	1,377,000		
EY 2019 & 2020 BGS Deferred Solar Requirement	Total BGS Deferred Solar	Total BGS Deferred Solar Calculation = (Non Exempt Solar Sales/Total EDC Noin Exempt Solar Sales)*386,732				
Total BGS Solar Requirement	Exempt So	Exempt Solar + Non Exempt Solar + EY 19 & 20 Deferred Solar				
TREC Requirement	BGS Retail Sale	es/Total State Retail Sale	es Times Total Statewide TRECs	54,795		
Total BGS Class I Requirement	BGS Class	minus (Non Exempt Sol	ar + Deferred Solar + TRECs)	6,581,473		
					EY 2021 Statewide Tota	İs
. EDC Total Retail Sales Served By TPS (Non-Exempt):					Total Class I	11,783,26
Non-Exempt Solar	33,000,000	5.100%	1,683,000	1,683,000	Total Class II	1,825,00
Class	33,000,000	21.000%	6,930,000	6,930,000	Total Solar	3,897,83
Class II	33,000,000	2.500%	825,000	825,000	Total TRECs	100,000
TREC Requirement	TPS Retail Sales/Total State Retail Sales Times Total Statewide TRECs			45,205		
Total TPS Class I Requirement	t TPS Class I minus (Non Exempt Solar + TRECs)			5,201,795		
III. Total Retail Sales Served in EDC						
(X + Y equals the total number of BGS Providers and TPS with EY20 sales)	73,000,000					

#### **EY21 REPORTING REQUIREMENTS**



- Printout from GATS (My RPS Compliance Report SUMMARY PAGE ONLY!!) demonstrating compliance with Solar, Class I and Class II RPS requirements. Ensure committed supply numbers you provide the name of the generator, you are the owner of these RECs and provide proof that these RECs have been retired. Calculate your RPS obligations based on Total Retail Sales and not Sales By PJM Zone!!!
- The Completed EY21 BGS or TPS Reporting
   Spreadsheet showing how you met Compliance.
   Calculate your RPS obligations based on Total Retail
   Sales and not Sales By PJM Zone!!!

#### **EY21 REPORTING REQUIREMENTS**



- Board approved affidavits, titled Class I and/or Class II Certification Forms for biomass (BSD) and out of state resource recovery facilities (RRF). Completed By the Generator!!!
- Documentation confirming Alternative Compliance
   Payment (ACP) and/or Solar Alternative Compliance
   Payments (SACP) payment, if needed, in the form of
   copies of checks for each ACP (\$50 per) and/or SACP
   (\$248 per) payment.

### **BGS** Reporting Spreadsheet



		II	SERT EDC NAME	3	
		INSERT EDC or BGS	Contact Person Nar	ne and Phone Number	
			BGS Provider		
		_	Retail Sales		
		Exempt Sales - BGS:	0	MWh	
		xempt Sales - BGS:	0	MWh	
		al BGS Retail Sales:	0	MWh	
		Solar Requirement	SREC		
	Evemr	ot Solar Requirement:	0	MWh (3.47% of BGS Sales)	
		ot Solar Requirement:	0	MWh (5.1% of BGS Sales)	
		•		1 ` ` `	
1/2		9 and 1/2 of EY 2021 Solar Requirement :	О	MWh ((Non Exempt Sales/Total Exempt Sales) X 386,752)	State Non
		Solar Requirement:	0	S-RECs	
	S	Solar RECs Supplied:	0	S-RECs	
		S-ACPs Required:	0		
		TREC Requirement	TREC		
			0	MWh Allocated by TREC Admin	istrator
		,	01 1050		
		Class I Requirement	Class I REC	MANUS (24 00) - + D.C.S. S1>	
Minus Non-F		Class I Requirement: d Deferred SRECs:	<u> </u>	MWh (21.0% of BGS Sales)	
Militas Itoli E	.xcmpt an	Minus TRECs:	0	MWh	
Total E	EY 2021 C	lass I Requirement:	0	RECs	
		RECs through GATS:	0	RECs	
	Class	I Committed Supply:	0	RECs	
		ACPs Required:	0		
		_		<u>_</u>	
		lass II Requirement	Class II REC		
		Class II Requirement:	0	MWh (2.5% of BGS Sales)	
		RECs through GATS:	0	RECs	
	Class	Il Committed Supply:	0	RECs	
		ACPs Required:	0		
		ernal to GATS)			
lass I Sources	3				
Facility Name	Location	Plant ID Number	Plant ID Description	Fuel/ Technology	MWh Delivered
		N*****	REPIS ID	- I I I I I I I I I I I I I I I I I I I	-
		N	REPIS ID		-
lass II Sources	8			Total =>	0
Facility Name	Location	Plant ID Number	Plant ID Description	Fuel/ Technology	MWh Delivered
racility Name	Location	N*****	REPIS ID	rues rechnology	- Delivered
					-
				Total =>	0
GS - Basic Ge	eneration S	Service Provider			

### **TPS Reporting Spreadsheet**



EY 2021 RPS Requiremen	nts - June 1, 2020 -	- May 31, 2021
Ti	PS Name	
Contact Person Na	ame and Phone	Number
	Retail Sales	
Non-Exempt Sales -TPS:	0	MWh
Total TPS Retail Sales:	0	MWh
Solar Requirement	SREC	
Non-Exempt Solar Requirement:	0	MWh (5.1% of TPS Sales)
Total Solar Requirement:	0	S-RECs
Solar RECs Supplied:	0	S-RECs
S-ACPs Required:	0	
TREC Requirement	TREC	
	0	MWh Allocated by TREC Administrate
Class I Requirement	Class I REC	
Class I Requirement:	0	MWh (21.0% of BGS Sales)
Minus Non-Exempt SRECs:	0	MWh
Minus TRECs:	0	MWh
Total EY 2021 Class I Requirement:	0	RECs
Class I RECs through GATS:	0	RECs
ACPs Required:	0	
Class II Requirement	Class II REC	
Class II Requirement:	0	MWh (2.5% of BGS Sales)
Class II RECs through GATS:	0	RECs
ACPs Required:		

#### **Class II REC Affidavit**



#### **Class II Renewable Energy Certification Form**

eporting year: From to lame of Facility:
street Address:
street Address: Stity: State: Zip:
contact person:elephone Number:e
-Mail Address:
(print name), hold the position of
<ul> <li>pecifically, I certify that:</li> <li>The facility named above has continued to operate in conformity with the information provided in the original application for the environmental compliance determination, throughout the year since the DEP issued</li> </ul>
<ul> <li>the determination;</li> <li>The operation and composition of fuel for the resource recovery facility continues to meet the criteria provided in the initial application;</li> <li>Where there has been a change in the operation of the facility or composition of fuel, a new environmental compliance determination has been issued by the DEP, and documentation is attached demonstrating that the resource recovery facility continues to operate in compliance with Class II renewable energy requirements.</li> </ul>
nclosed is a copy of the generator's current NJDEP sustainability determination r the generator's host-state air permit.
certify under penalty of law the submitted information is true, accurate and omplete. I am aware that there are significant civil and criminal penalties for ubmitting false, inaccurate or incomplete information, including the possibility of ne and/or imprisonment.
Date:
Signature)

## **OUT OF STATE RRF (MSW)**



Plant Name	State	<b>Plant Capacity</b>	Fuel Type	NJ Cert #
Lancaster County Resource Recovery	PA	36.000	MSW	NJ-09009-MSW-II-AC
Montenay Montgomery LP	PA	32.126	MSW	NJ-09010-MSW-II-AC
PL HARRISBURG NUG 1 F	PA	24.132	MSW	NJ-09008-MSW-II-AC
Wheelabrator Falls	PA	52.562	MSW	NJ-09011-MSW-II-AC
York County Resource Recovery	PA	37.000	MSW	NJ-09012-MSW-II-AC

#### **SUMMARY**



- August 3-10, 2021 EDCs to complete EY21 Retail Sales Spreadsheet
- August 17 DCE to email RPS Sales Adjustment Procedure Memo to EDC, BGS, TPS
- August 17 September 10, 2021 EDC, BGS, TPS complete and submit RPS adjustment requests to DCE
- September 30 DCE post final retail sales number based on GATS numbers and RPS adjustment requests. Compliance instructions also emailed and posted
- EY21 TREC Totals and Allocations Finalized (By Oct. 1, 2021)
- December 1, 2021 Solar, TREC, Class I and Class II Compliance Reports due



#### FOR MORE INFORMATION

Visit www.NJCleanEnergy.com/RPS

Call RONALD JACKSON, 1-609-633-9868, RONALD.JACKSON@BPU.NJ.GOV

**Stay Informed** 

For the latest updates on program announcements, subscribe to the NJ Clean Energy Program

E-Newsletter at:

NJCleanEnergy.com/Newsletter