Massachusetts Municipal Wholesale Electric Company
327 Moody Street
PO Box 426
Ludlow, Massachusetts 01056

Pascoag Utility District
253 Pascoag-Main Street
PO Box 107
Pascoag, RI 02859
CUST ID# 1150

MONTHLY TOTAL

Memorandum Invoice for Period: SEPTEMBER 2018

Project Name	KW Capability	KWH Generation	Capacity	Fuel	Transmission	Total Net Monthly Power Costs	Cost per KWH
Project Six	75,020	52,919,907	1,817,778.04	313,285.83	5,271.95	2,136,335.82	.0404
TOTAL		52,919,907	$1,817,778.04	$313,285.83	$5,271.95	$2,136,335.82	$0.0404

MONTHLY TOTAL - PARTICIPANT SHARE

Project Name	KW Capability	KWH Generation	Capacity	Fuel	Transmission	Total Net Monthly Power Costs	Cost per KWH
Project Six	1,335	941,498	32,340.09	5,573.67	93.79	38,007.55	.0404
TOTAL		941,498	$32,340.09	$5,573.67	$93.79	$38,007.55	$0.0404

MONTHLY TOTAL BY FACILITY - PARTICIPANT SHARE

Project Name	KW Capability	KWH Generation	Capacity	Fuel	Transmission	Total Net Monthly Power Costs	Cost per KWH
Seabrook	1,335	941,498	32,340.09	5,573.67	93.79	38,007.55	.0404
TOTAL		941,498	$32,340.09	$5,573.67	$93.79	$38,007.55	$0.0404

D Energy D T N

37,913.76

D 565 $ 37913.76

D 565 $ 93.79

C 165.03 $ 38007.55

10/18/2018 8:39:41 am

GENERAL LEDGER
JOURNAL DETAIL

Journal : 2018008223
Description : Journal Entry
Created Date : 10/18/2018
Created By : pscghjr
Status : Approved

Approved/Rejected Date : 10/18/2018
Approved/Rejected By : pscghjr
Module : General Ledger
Journal Activity Journal Entry
Batch : SJE 2

Line	Div Account	Description	Dept	Actv	BU Project	Jrnl Code	Reference	Date	Debit	Credit
1	1 0253.0	Deferred Credits/Other Deferred Credi	0	0		0	Surplus funds 2018/2019	09/28/2018	2,786.95	
2	1 0555.0	Purchase Power	0	0		0	Surplus funds 2018/2019	09/28/2018		2,786.95
							Total for Journal Number 2018008223:		2,786.95	2,786.95

(Surplus fund Credit)

MASSACHUSETTS MUNICIPAL
WHOLESALE ELECTRIC CO.

Vendor Number	Vendor Name	Check No.	Check Date
1150	Pascoag Utility District	152373	10/5/2018

Reference	Invoice Date	Invoice Number	Invoice Amount	Discount	Net Check Amount
Invoice Summary	9/30/2018	93018	19,549.36		19,549.36
			19,549.36		19,549.36

Journal: 2018007948 Date: Oct 10, 2018
Set: 0 Time: 9:28:00

Recieved In Oct
Recognized In Sept

MMWEC CAPACITY SETTLEMENT JUNE-AUG
Miscellaneous Activity 19549.36

PROJECT 6 FMC SUMMMARY

Total To-Be-Paid:	19549.36
152373 Check:	19549.36
Change Due:	0.00

4 pscgcsh2 1 16

Bank of America
52-153-112

MMWEC
MASSACHUSETTS MUNICIPAL WHOLESALE ELECTRIC CO.
327 MOODY STREET
LUDLOW, MA 01056

Check No.	Check Date	Vendor No.
152373	10/5/2018	1150

Check Amount
$****19,549.36

Not Valid After 365 Days

Pay NINETEEN THOUSAND FIVE HUNDRED FORTY NINE AND 36/100**********

Two signatures required over $25,000.00

the Order of Pascoag Utility District
253 Pascoag-Main Street
PO Box 107
Pascoag RI 02859

Security features. Details on back.

⑈00152373⑈ ⑆011201539⑆ 000080242607⑈

Date:	September 30, 2018
Amount ($):	$ 19,549.36
To:	Pascoag Utility District
Street:	253 Pascoag - Main Street, PO Box 107
City, State :	Pascoag, RI Zip Code: 02760

Forward Capacity Market Settlement - Pascoag Seabrook Project 6 Balance

Seabrook FCM Summary

Pascoag

	Forward Capacity Market Settlement by Project					
2018	FCM Seabrook Mix 1	FCM Seabrook Project 4	FCM Seabrook Project 5	FCM Seabrook Project 6		TOTAL
June				12,770.97	$	12,770.97
July				12,770.97	$	12,770.97
August				12,770.97	$	12,770.97
TOTAL	-	-	-	38,312.91	$	38,312.91
Seabrook FCM Returned as Credit on Oct 2018 Bills	-	-	-	18,763.55	$	18,763.55
Seabrook FCM Returned as Check	-	-	-	19,549.36	$	19,549.36

Massachusetts Municipal Wholesale Electric Company
327 Moody Street
Ludlow, Massachusetts 01056

Pascoag Utility District
253 Pascoag-Main Street
PO Box 107
Pascoag, RI 02859

Invoice Number:	59960
Invoice Date:	10/16/2018
Due Date:	11/15/2018
Customer ID:	1150

Service Bill
Billing Period 9, for services rendered under the All Requirements Agreement or MMWEC Service Agreement, as applicable

Bill Code	Description of Charges	Amount
00CB	Consolidated Billing Administr	43.31
NY41	Pascoag - NYPA Power Administr	161.73
	Total Due:	$ 205.04

Payment Instructions

PLEASE MAKE PAYMENT TO MMWEC VIA:

ACH: BANK OF AMERICA N.A.
SPRINGFIELD, MA
ABA # 011-000-138

WIRE: BANK OF AMERICA N.A.
SPRINGFIELD, MA
ABA # 0260-0959-3

FOR CREDIT TO: MMWEC TRUSTEE ZERO BALANCE ACCT. 75-169-307

PLEASE IDENTIFY THE INVOICE(S) AND/OR POWER PURCHASE AGREEMENTS BEING PAID.

SEP 2 4 2018

MASSACHUSETTS MUNICIPAL WHOLESALE ELECTRIC COMPANY
STONY BROOK ENERGY CENTER
POST OFFICE BOX 426
LUDLOW, MASSACHUSETTS 01056

INVOICE SUMMARY

TO: Pascoag Utility District
253 Pascoag-Main Street
PO Box 107
Pascoag RI 02859

STATEMENT DATE 9/21/2018
DUE DATE: 10/22/2018
Customer ID: 1150
Power Period: August 2018

FOR: CONSOLIDATED BILLING STATEMENT FOR INVOICES RENDERED FOR THE
PERIOD August 21,2018 TO September 21,2018 SEE ATTACHED INVOICES FOR BILLING DETAIL

	NON POWER SALES AGREEMENT - (NON-PSA)		KWH
58817	HYDRO QUEBEC PHASE I	$ 221.11	
58847	HYDRO QUEBEC PHASE I	21.26	
58868	HYDRO QUEBEC PHASE II	887.35	
59151	SERVICE BILLING	146.99	
	SUBTOTAL MMWEC NON POWER SALES AGREEMENT - (NON-PSA)	$ 1,276.71	
	INVOICES PAYABLE TO 'MMWEC' (NON - PSA INVOICES)	$ 1,276.71	
	TOTAL DUE	$ 1,276.71	

PLEASE SEND CHECK/WIRE FOR ALL INVOICES TO MMWEC TRUSTEE ZERO BALANCE ACCT. SEE INVOICES FOR DETAILS.
REFER QUESTIONS TO ACCOUNTING DEPT 1-800-332-9469 EXT 242 FOR PSA INVOICES AND EXT 322 FOR NON - PSA INVOICES

Massachusetts Municipal Wholesale Electric Company
327 Moody Street
Post Office Box 426
Ludlow, Massachusetts 01056

Pascoag Utility District
253 Pascoag-Main Street
PO Box 107
Pascoag RI 02859

Invoice Number:	58817 RI
Invoice Date:	09/04/2018
Due Date:	09/13/2018
Customer ID:	1150

Hydro Quebec Phase I
Billing Period - Sept. 2018-NEET

	MMWEC Share		PART. %	Participant Share	
Percent Participation Capability	23,826	KW	0.6617 %	158	KW
Total Capability	23,826	KW		158	KW
Generation (KWH)					
Generation - Sold				0	KWH
Generation - Purchased	0	KWH	0.6617 %	0	KWH
Total Net Generation	0	KWH		0	KWH
Capacity Charge					
Capacity Charge	$0.00		0.6617 %	$0.00	
Total Capacity	$0.00			$0.00	
Energy Charge					
Energy Charge	$0.00		0.6617 %	$0.00	
Energy Charge - NEPOOL Charges				$0.00	
Total Energy	$0.00			$0.00	
Other Charges / Credits				$0.00	
Transmission Costs	$2,444.68		0.6617 %	$16.18	
Sub Total - Purchased Power	$2,444.68			$16.18	
Administrative Expense	$30,966.72		0.6617 %	$204.91	
Administrative Expense - Line of Credit	$2.94		0.6617 %	$0.02	
Investment Earnings Credit				$0.00	
Interest on Borrowings - Line of Credit				$0.00	
Interest Expense				$0.00	
Total Admin & Other Costs	$30,969.66			$204.93	
Assessments					
Reserve Trust				$0.00	
Working Capital				$0.00	
Total MMWEC Share	$33,414.34			$0.00	

If all or any part of this invoice remains unpaid after the due date, interest shall accrue to MMWEC equal to its cost of money or the rate applicable under the related contract.

Total Due: $221.11

Payment Instructions

PLEASE MAKE PAYMENT TO MMWEC VIA:

ACH: BANK OF AMERICA N.A.
SPRINGFIELD, MA ABA # 011-000-138

WIRE: BANK OF AMERICA N.A.
SPRINGFIELD, MA ABA # 0260-0959-3

FOR CREDIT TO: MMWEC TRUSTEE ZERO BALANCE ACCT. 75-169-307

PLEASE IDENTIFY THE INVOICE(S) AND/OR POWER PURCHASE AGREEMENTS BEING PAID.

EMAIL: cashdesk@mmwec.org
PHONE: (413) 308-1333

Massachusetts Municipal Wholesale Electric Company
327 Moody Street
Post Office Box 426
Ludlow, Massachusetts 01056

Pascoag Utility District
253 Pascoag-Main Street
PO Box 107
Pascoag RI 02859

Invoice Number:	58847 RI
Invoice Date:	09/04/2018
Due Date:	09/18/2018
Customer ID:	1150

Hydro Quebec Phase I
Billing Period - Sept 2018-VETCO

	MMWEC Share		PART. %	Participant Share	
Percent Participation					
Capability	23,826	KW	0.6617 %	158	KW
Total Capability	23,826	KW		158	KW
Generation (KWH)					
Generation - Sold				0	KWH
Generation - Purchased	0	KWH	0.6617 %	0	KWH
Total Net Generation	0	KWH		0	KWH
Capacity Charge					
Capacity Charge	$0.00		0.6617 %	$0.00	
Total Capacity	$0.00			$0.00	
Energy Charge					
Energy Charge	$0.00		0.6617 %	$0.00	
Energy Charge - NEPOOL Charges				$0.00	
Total Energy	$0.00			$0.00	
Other Charges / Credits				$0.00	
Transmission Costs	$3,212.85		0.6617 %	$21.26	
Sub Total - Purchased Power	$3,212.85			$21.26	
Administrative Expense	$0.00		0.6617 %	$0.00	
Administrative Expense - Line of Credit	$0.00		0.6617 %	$0.00	
Investment Earnings Credit				$0.00	
Interest on Borrowings - Line of Credit				$0.00	
Interest Expense				$0.00	
Total Admin & Other Costs	$0.00			$0.00	
Assessments					
Reserve Trust				$0.00	
Working Capital				$0.00	
Total MMWEC Share	$3,212.85			$0.00	

If all or any part of this invoice remains unpaid after the due date, interest shall accrue to MMWEC equal to its cost of money or the rate applicable under the related contract.

Total Due: $21.26

Payment Instructions

PLEASE MAKE PAYMENT TO MMWEC VIA:

ACH: BANK OF AMERICA N.A.
SPRINGFIELD, MA ABA # 011-000-138

WIRE: BANK OF AMERICA N.A.
SPRINGFIELD, MA ABA # 0260-0959-3

FOR CREDIT TO: MMWEC TRUSTEE ZERO BALANCE ACCT. 75-169-307

PLEASE IDENTIFY THE INVOICE(S) AND/OR POWER PURCHASE AGREEMENTS BEING PAID.

EMAIL: cashdesk@mmwec.org
PHONE: (413) 308-1333

Massachusetts Municipal Wholesale Electric Company
327 Moody Street
Post Office Box 426
Ludlow, Massachusetts 01056

Pascoag Utility District
253 Pascoag-Main Street
PO Box 107
Pascoag RI 02859

Invoice Number:	58868 RI
Invoice Date:	09/04/2018
Due Date:	09/13/2018
Customer ID:	1150

Hydro Quebec II Equity
Billing Period - September 2018

	MMWEC Share	PART. %	Participant Share
Percent Participation			
Capability	8,400 KW	3.6300 %	305 KW
Total Capability	8,400 KW		305 KW
Generation (KWH)			
Generation - Sold			0 KWH
Generation - Purchased	0 KWH	3.6300 %	0 KWH
Total Net Generation	0 KWH		0 KWH
Capacity Charge			
Capacity Charge	$0.00	3.6300 %	$0.00
Total Capacity	$0.00		$0.00
Energy Charge			
Energy Charge	$0.00	3.6300 %	$0.00
Energy Charge - NEPOOL Charges			$0.00
Total Energy	$0.00		$0.00
Other Charges / Credits			$0.00
Transmission Costs	$24,137.46	3.6300 %	$876.19
Sub Total - Purchased Power	$24,137.46		$876.19
Administrative Expense	$307.33	3.6300 %	$11.16
Administrative Expense - Line of Credit	$0.00	3.6300 %	$0.00
Investment Earnings Credit			$0.00
Interest on Borrowings - Line of Credit			$0.00
Interest Expense			$0.00
Total Admin & Other Costs	$307.33		$11.16
Assessments			
Reserve Trust			$0.00
Working Capital			$0.00
Total MMWEC Share	$24,444.79		$0.00

If all or any part of this invoice remains unpaid after the due date, interest shall accrue to MMWEC equal to its cost of money or the rate applicable under the related contract.

Total Due: $887.35

Payment Instructions

PLEASE MAKE PAYMENT TO MMWEC VIA:

ACH: BANK OF AMERICA N.A.
SPRINGFIELD, MA ABA # 011-000-138

WIRE: BANK OF AMERICA N.A.
SPRINGFIELD, MA ABA # 0260-0959-3

FOR CREDIT TO: MMWEC TRUSTEE ZERO BALANCE ACCT. 75-169-307

PLEASE IDENTIFY THE INVOICE(S) AND/OR POWER PURCHASE AGREEMENTS BEING PAID.

EMAIL: cashdesk@mmwec.org
PHONE: (413) 308-1333

MASSACHUSETTS MUNICIPAL WHOLESALE ELECTRIC COMPANY
PROJECT SIX
BILLING ANALYSIS FOR THE MONTH OF
October 2018

PASCOAG		100%		1.7791%
1. Cumulative billings, net of expenses through August	(1)	($12,330.45)	(1)	($219.37)
2. Adjusted Billing for September (Billed in August)		$2,142,923.75		$38,124.76
3. Funds available for September		$2,130,593.30		$37,905.39
4. Less Capacity & Transmission budget for September		($2,136,381.00)		($38,008.35)
5. Funds available for October		($5,787.70)		($102.97)
6. Power cost Capacity & Transmission budget for October		$1,048,849.00		$18,660.07
7. Adjusted billing for October	(2)	$1,054,636.70	(2)	$18,763.55
Project 6 FCM				(18,763.55)
				$0.00

NOTE: Amounts could be off due to rounding

(1) Balance shown equal to Participants' "Prepaid Account."

(2) If negative amount, no billing will be rendered.

Massachusetts Municipal Wholesale Electric Company
327 Moody Street
Ludlow, Massachusetts 01056

Pascoag Utility District
253 Pascoag-Main Street
PO Box 107
Pascoag, RI 02859

Invoice Number:	59441
Invoice Date:	09/21/2018
Due Date:	10/21/2018
Customer ID:	1150

Project Six
Billing Period **October 2018**, in accordance with annual budget data, under Power Sales Agreement

Description of Charges	Amount
Nuclear Project Six	
Total Due:	$

If all or any part of this invoice remains unpaid after the due date, interest shall accrue to MMWEC equal to its cost of money or the rate applicable under the related contract.

Payment Instructions

PLEASE MAKE PAYMENT TO MMWEC VIA:

ACH: BANK OF AMERICA N.A.
SPRINGFIELD, MA
ABA # 011-000-138

WIRE: BANK OF AMERICA N.A.
SPRINGFIELD, MA
ABA # 0260-0959-3

FOR CREDIT TO: MMWEC TRUSTEE ZERO BALANCE ACCT. 75-169-307

PLEASE IDENTIFY THE INVOICE(S) AND/OR POWER PURCHASE AGREEMENTS BEING PAID.

NEW YORK STATE OF OPPORTUNITY. | NY Power Authority

123 Main Street
White Plains, NY 10601

Invoice Date:	October 15, 2018
Billing Period:	September 2018
Invoice Number:	6100069935
Contract Account:	200000622
Business Partner:	3820

RHODE ISLAND PUBLIC UTILITIES COMMISSION

235 Pascoag Main Street
P.O.BOX 107
Pascoag, RI 02859

Attn: Harle Round
Manager, Finance & Customer Service

Billing Contact: Lorena Lowery
If you have any questions call: **914-287-4256**
or 1-800-269-6972, then 718-4256.
lorena.lowery@nypa.gov

Account Summary

Previous Balance	$	8,382.43
Payment Received	$	8,382.43
Past Due Balance	$	0.00
Current Charges	$	8,458.15
Late Charges	$	0.00
Total Amount Due	**$**	**8,458.15**
Payment Due Date		**11/01/2018**

Special Notes:

ISO AND IOU CHARGES ARE FOR AUGUST 2018 V1 AND DECEMBER 2017 V3.

EMAIL TO: hround@pud-ri.org

Remittance payable to the "**NEW YORK POWER AUTHORITY**". Please indicate your Contract Account number.

Wire funds to:
J.P. Morgan Chase Bank
ABA # 021000021
NEW YORK POWER REVENUE FUND
Account # 008-030383

Regular Mail:
New York Power Authority
Department 116048
PO Box 5211
Binghamton, NY 13902-5211

Overnight Mail:
J.P. Morgan
Attn: NY Power Authority Box 116048
33 Lewis Road
Binghamton, NY 13905

Please return this bottom portion with your payment and keep the top portion for your records.

Payment Summary

New York Power Authority
Department 116048
PO Box 5211
Binghamton, NY 13902-5211

RHODE ISLAND PUBLIC UTILITIES COMMISSION

235 Pascoag Main Street
P.O.BOX 107
Pascoag, RI 02859

Invoice Number:	6100069935
Contract Account:	200000622
Business Partner:	3820
Payment Due Date:	**11/01/2018**
Amount Due	**$ 8,458.15**

NEW YORK POWER AUTHORITY
Billing and Adjustment Statement

RHODE ISLAND PUBLIC UTILITIES COMMISSION

Contract Account:	200000622	Current Reading Date:	September 30, 2018
Invoice Number:	6100069935	Previous Reading Date:	August 31, 2018
Service Tariff:	NS-1, NS-2, NS-3	Hours in this period:	720
Allocation:	700		

Description	Quantity	Rate		Amount
Demand (KW)				
Firm	600	$4.07000	$	2,442.00
Firm Peaking	100	$4.07000	$	407.00
Subtotal			$	**2,849.00**
Energy (KWH)				
Firm Hydro	281,000	$0.00492	$	1,382.52
Firm Peaking	9,000	$0.00492	$	44.28
Interruptible	~~97,000~~ 387,000	$0.00492	$	477.24
Subtotal			$	**1,904.04**
NY Independent System Operator				
Ancillary Service			$	318.62
TUC Charge			$	3,327.04
Subtotal			$	**3,645.66**
True-up Charges/Credits				
ISO True-up Vers. 2			$	5.03
Subtotal			$	**5.03**
MISC.				
NYISO Curtailed Trans Credit			$	- 3.39
Subtotal			$	**- 3.39**
TOTAL CURRENT CHARGES			$	**8,400.34**
ADJUSTMENT SUMMARY: January 2018				
Energy (KWH)				
Firm Hydro				
Previously Billed	- 325,820	$0.00492	$	- 1,603.03
Revised	325,790	$0.00492	$	1,602.89
Net	- 30		$	- 0.14
Subtotal			$	**- 0.14**
CURTAILMENT (KWH)				

NEW YORK POWER AUTHORITY
Billing and Adjustment Statement

RHODE ISLAND PUBLIC UTILITIES COMMISSION

Contract Account:	200000622	Current Reading Date:	September 30, 2018
Invoice Number:	6100069935	Previous Reading Date:	August 31, 2018
Service Tariff:	NS-1, NS-2, NS-3	Hours in this period:	720
Allocation:	700		

Description	Quantity	Rate		Amount
Intra-Month Curtailment				
Previously Billed	- 180		$	- 347.70
Revised	210		$	405.65
Net	30		$	57.95
Subtotal			$	**57.95**
Total Adjustment: January 2018			$	**57.81**
TOTAL ADJUSTMENTS			$	**57.81**

V

NYPA ISO Billing Statement INVER01

For the Month Beginning August 01, 2018 and Ending August 31, 2018

User Reference	(NIA TO RI PEAK)			ISO	Adjustment	Adjusted Value	Line Item
Energy Settlement	Forward Energy	0.00	MWHr	$0.00	$0.00	$0.00	1
	Balancing Energy	0.00	MWHr	$0.00	$0.00	$0.00	2
	Total Energy Settlement			$0.00	$0.00	$0.00	3
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge	(9.00)	MWHr	($20.47)	$0.00	($20.47)	4
	Forward Loss Charge	0.00		($67.29)	$0.00	($67.29)	5
	Balancing Congestion Charge	0.00	MWHr	$0.00	$0.00	$0.00	6
	Balancing Loss Charge	0.00		$0.00	$0.00	$0.00	7
	Total Transmission Use Settlement			($87.76)	$0.00	($87.76)	8
Transmission Service Charge (TSC) Customers External to NYCA	Total Transmission Service Charge Settlement			$0.00	$0.00	$0.00	9
NYPA Transmission Access Charge (NTAC)				$0.00	$0.00	$0.00	10
Ancillary Service							
	Scheduling, System Control Dispatch Service			($4.59)	$0.00	($4.59)	11
	Local Reliability Rule S,SC and D Charge			$0.00	$0.00	$0.00	12
	Total S, SC and D Charge			($4.59)	$0.00	($4.59)	13
	Market Administration and Control Area Service Charge			$0.00	$0.00	$0.00	14
	Voltage Support Service			($2.67)	$0.00	($2.67)	15
	Regulation and Frequency Response Service			$0.00	$0.00	$0.00	16
	Energy Imbalance Service Charge			$0.00	$0.00	$0.00	17
	Operating Reserve Service Charge			($3.44)	$0.00	($3.44)	18
Black Start Service@ SSS/Billing Unit B	Black StartService Charge			$0.00	$0.00	$0.00	19
	Local Reliability Rule Black StartService Charge			$0.00	$0.00	$0.00	20
	Total Black Start Service Charge			$0.00	$0.00	$0.00	21
Installed Capacity Deficiency Charge				$0.00	$0.00	$0.00	22
Miscellaneous Charges							
Rochester Station 80 Capacitor Banks	These are based on existing agreements between			$0.00	$0.00	$0.00	23
Ramapo Phase Angle Regulator	the NY Control Area and other control areas			$0.00	$0.00	$0.00	24
PJM Transmission Overuse				$0.00	$0.00	$0.00	25
Total Miscellaneous Charges				$0.00	$0.00	$0.00	26
	NIA TO RI PEAK Portion			.00557 %		"	27
	NYISO WIDE Uplift Charges			($0.15)	($0.56)	($0.71)	28
	Residual Adjustments			$4.85	$0.00	$4.85	29
	Demand Response Uplift			$0.00	$0.00	$0.00	30
Monthly Transmission Customer Payment/(Charge)				($93.76)	($0.56)	($94.32)	31
Adjustments				0	$0.00	$0.00	32
Net Transmission Customer Payment/(Charge)				($93.76)	($0.56)	($94.32)	33
TCC Credit				$0.00	$0.00	$0.00	34
Total				($93.76)	($0.56)	($94.32)	35

V

NYPA ISO Billing Statement INVER03

For the Month Beginning December 01, 2017 and Ending December 31, 2017

User Reference	(NIA TO RI FIRM)			ISO	Adjustment	Adjusted Value	Line Item
Energy Settlement	Forward Energy	0.00	MWHr	$0.00	$0.00	$0.00	1
	Balancing Energy	0.00	MWHr	$0.00	$0.00	$0.00	2
	Total Energy Settlement			$0.00	$0.00	$0.00	3
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge	(239.00)	MWHr	($5,695.97)	$0.00	($5,695.97)	4
	Forward Loss Charge	0.00		($1,649.05)	$0.00	($1,649.05)	5
	Balancing Congestion Charge	0.50	MWHr	$0.00	$0.00	$0.00	6
	Balancing Loss Charge	0.00		$2.76	$0.00	$2.76	7
	Total Transmission Use Settlement			($7,342.26)	$0.00	($7,342.26)	8
Transmission Service Charge (TSC) Customers External to NYCA	Total Transmission Service Charge Settlement			$0.00	$0.00	$0.00	9
NYPA Transmission Access Charge (NTAC)				$0.00	$0.00	$0.00	10
Ancillary Service	Scheduling, System Control Dispatch Service			($118.49)	($0.37)	($118.87)	11
	Local Reliability Rule S,SC and D Charge			$0.00	$0.00	$0.00	12
	Total S, SC and D Charge			($118.49)	($0.37)	($118.87)	13
	Market Administration and Control Area Service Charge			$0.00	$0.00	$0.00	14
	Voltage Support Service			($64.34)	$0.00	($64.34)	15
	Regulation and Frequency Response Service			$0.00	$0.00	$0.00	16
	Energy Imbalance Service Charge			$0.00	$0.00	$0.00	17
	Operating Reserve Service Charge			($123.30)	$0.00	($123.30)	18
Black Start Service@ SSS/Billing Unit B	Black StartService Charge			$0.00	$0.00	$0.00	19
	Local Reliability Rule Black StartService Charge			$0.00	$0.00	$0.00	20
	Total Black Start Service Charge			$0.00	$0.00	$0.00	21
Installed Capacity Deficiency Charge				$0.00	$0.00	$0.00	22
Miscellaneous Charges							
Rochester Station 80 Capacitor Banks	These are based on existing agreements between			$0.00	$0.00	$0.00	23
Ramapo Phase Angle Regulator	the NY Control Area and other control areas			$0.00	$0.00	$0.00	24
PJM Transmission Overuse				$0.00	$0.00	$0.00	25
Total Miscellaneous Charges				$0.00	$0.00	$0.00	26
	NIA TO RI FIRM Portion			.13321 %		"	27
	NYISO WIDE Uplift Charges			($18.23)	($4.06)	($22.30)	28
	Residual Adjustments			$166.58	$0.00	$166.58	29
	Demand Response Uplift			$0.00	$0.00	$0.00	30
Monthly Transmission Customer Payment/(Charge)				($7,510.04)	($4.44)	($7,514.48)	31
Adjustments				0	$0.00	$0.00	32
Net Transmission Customer Payment/(Charge)				($7,510.04)	($4.44)	($7,514.48)	33
TCC Credit				$0.00	$0.00	$0.00	34
Total				($7,510.04)	($4.44)	($7,514.48)	35

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NYPA ISO Billing Statement INVER03

For the Month Beginning December 01, 2017 and Ending December 31, 2017

User Reference	(NIA TO RI INTER)			ISO	Adjustment	Adjusted Value	Line Item
Energy Settlement	Forward Energy	0.00	MWHr	$0.00	$0.00	$0.00	1
	Balancing Energy	0.00	MWHr	$0.00	$0.00	$0.00	2
	Total Energy Settlement			$0.00	$0.00	$0.00	3
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge	(132.00)	MWHr	($3,597.16)	$0.00	($3,597.16)	4
	Forward Loss Charge	0.00		($972.40)	$0.00	($972.40)	5
	Balancing Congestion Charge	0.00	MWHr	$0.00	$0.00	$0.00	6
	Balancing Loss Charge	0.00		$0.00	$0.00	$0.00	7
	Total Transmission Use Settlement			($4,569.56)	$0.00	($4,569.56)	8
Transmission Service Charge (TSC) Customers External to NYCA	Total Transmission Service Charge Settlement			$0.00	$0.00	$0.00	9
NYPA Transmission Access Charge (NTAC)				$0.00	$0.00	$0.00	10
Ancillary Service							
	Scheduling, System Control Dispatch Service			($65.41)	($0.21)	($65.62)	11
	Local Reliability Rule S,SC and D Charge			$0.00	$0.00	$0.00	12
	Total S, SC and D Charge			($65.41)	($0.21)	($65.62)	13
	Market Administration and Control Area Service Charge			$0.00	$0.00	$0.00	14
	Voltage Support Service			($35.54)	$0.00	($35.54)	15
	Regulation and Frequency Response Service			$0.00	$0.00	$0.00	16
	Energy Imbalance Service Charge			$0.00	$0.00	$0.00	17
	Operating Reserve Service Charge			($67.87)	$0.00	($67.87)	18
Black Start Service@ SSS/Billing Unit B	Black StartService Charge			$0.00	$0.00	$0.00	19
	Local Reliability Rule Black StartService Charge			$0.00	$0.00	$0.00	20
	Total Black Start Service Charge			$0.00	$0.00	$0.00	21
Installed Capacity Deficiency Charge				$0.00	$0.00	$0.00	22
Miscellaneous Charges							
Rochester Station 80 Capacitor Banks	These are based on existing agreements between			$0.00	$0.00	$0.00	23
Ramapo Phase Angle Regulator	the NY Control Area and other control areas			$0.00	$0.00	$0.00	24
PJM Transmission Overuse				$0.00	$0.00	$0.00	25
Total Miscellaneous Charges				$0.00	$0.00	$0.00	26
	NIA TO RI INTER Portion			.07372 %		"	27
	NYISO WIDE Uplift Charges			($10.14)	($2.25)	($12.38)	28
	Residual Adjustments			$88.24	$0.00	$88.24	29
	Demand Response Uplift			$0.00	$0.00	$0.00	30
Monthly Transmission Customer Payment/(Charge)				($4,660.28)	($2.45)	($4,662.73)	31
Adjustments				0	$0.00	$0.00	32
Net Transmission Customer Payment/(Charge)				($4,660.28)	($2.45)	($4,662.73)	33
TCC Credit				$0.00	$0.00	$0.00	34
Total				($4,660.28)	($2.45)	($4,662.73)	35

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NYPA ISO Billing Statement INVER03

For the Month Beginning December 01, 2017 and Ending December 31, 2017

User Reference	(NIA TO RI PEAK)			ISO	Adjustment	Adjusted Value	Line Item
Energy Settlement	Forward Energy	0.00	MWHr	$0.00	$0.00	$0.00	1
	Balancing Energy	0.00	MWHr	$0.00	$0.00	$0.00	2
	Total Energy Settlement			$0.00	$0.00	$0.00	3
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge	(9.00)	MWHr	($127.64)	$0.00	($127.64)	4
	Forward Loss Charge	0.00		($62.16)	$0.00	($62.16)	5
	Balancing Congestion Charge	0.00	MWHr	$0.00	$0.00	$0.00	6
	Balancing Loss Charge	0.00		$0.00	$0.00	$0.00	7
	Total Transmission Use Settlement			($189.80)	$0.00	($189.80)	8
Transmission Service Charge (TSC) Customers External to NYCA	Total Transmission Service Charge Settlement			$0.00	$0.00	$0.00	9
NYPA Transmission Access Charge (NTAC)				$0.00	$0.00	$0.00	10
Ancillary Service	Scheduling, System Control Dispatch Service			($4.47)	($0.01)	($4.48)	11
	Local Reliability Rule S,SC and D Charge			$0.00	$0.00	$0.00	12
	Total S, SC and D Charge			($4.47)	($0.01)	($4.48)	13
	Market Administration and Control Area Service Charge			$0.00	$0.00	$0.00	14
	Voltage Support Service			($2.42)	$0.00	($2.42)	15
	Regulation and Frequency Response Service			$0.00	$0.00	$0.00	16
	Energy Imbalance Service Charge			$0.00	$0.00	$0.00	17
	Operating Reserve Service Charge			($4.63)	$0.00	($4.63)	18
Black Start Service@ SSS/Billing Unit B	Black StartService Charge			$0.00	$0.00	$0.00	19
	Local Reliability Rule Black StartService Charge			$0.00	$0.00	$0.00	20
	Total Black Start Service Charge			$0.00	$0.00	$0.00	21
Installed Capacity Deficiency Charge				$0.00	$0.00	$0.00	22
Miscellaneous Charges							
Rochester Station 80 Capacitor Banks	These are based on existing agreements between			$0.00	$0.00	$0.00	23
Ramapo Phase Angle Regulator	the NY Control Area and other control areas			$0.00	$0.00	$0.00	24
PJM Transmission Overuse				$0.00	$0.00	$0.00	25
Total Miscellaneous Charges				$0.00	$0.00	$0.00	26
	NIA TO RI PEAK Portion			.00503 %		"	27
	NYISO WIDE Uplift Charges			($0.49)	($0.15)	($0.65)	28
	Residual Adjustments			$4.97	$0.00	$4.97	29
	Demand Response Uplift			$0.00	$0.00	$0.00	30
Monthly Transmission Customer Payment/(Charge)				($196.85)	($0.17)	($197.02)	31
Adjustments				0	$0.00	$0.00	32
Net Transmission Customer Payment/(Charge)				($196.85)	($0.17)	($197.02)	33
TCC Credit				$0.00	$0.00	$0.00	34
Total				($196.85)	($0.17)	($197.02)	35

NEW YORK STATE OF OPPORTUNITY. | **NY Power Authority**

123 Main Street
White Plains, NY 10601

Invoice Date:	October 15, 2018
Billing Period:	September 2018
Invoice Number:	6100069936
Contract Account:	200000623
Business Partner:	3820

RHODE ISLAND PUBLIC UTILITIES COMMISSION

235 Pascoag Main Street
P.O.BOX 107
Pascoag, RI 02859

Attn: Harle Round
Manager, Finance & Customer Service

Billing Contact: Lorena Lowery
If you have any questions call: **914-287-4256**
or 1-800-269-6972, then 718-4256.
lorena.lowery@nypa.gov

Account Summary

Previous Balance	$	12,371.10
Payment Received	$	12,371.10
Past Due Balance	$	0.00
Current Charges	$	15,743.69
Late Charges	$	0.00
Total Amount Due	**$**	**15,743.69**
Payment Due Date		**11/01/2018**

St Lawrence

Special Notes:

ISO AND IOU CHARGES ARE FOR AUGUST 2018 V1 AND DECEMBER 2017 V3.

EMAIL TO: hround@pud-ri.org

Remittance payable to the "**NEW YORK POWER AUTHORITY**". Please indicate your Contract Account number.

Wire funds to:
J.P. Morgan Chase Bank
ABA # 021000021
NEW YORK POWER REVENUE FUND
Account # 008-030383

Regular Mail:
New York Power Authority
Department 116048
PO Box 5211
Binghamton, NY 13902-5211

Overnight Mail:
J.P. Morgan
Attn: NY Power Authority Box 116048
33 Lewis Road
Binghamton, NY 13905

Please return this bottom portion with your payment and keep the top portion for your records.

Payment Summary

New York Power Authority
Department 116048
PO Box 5211
Binghamton, NY 13902-5211

RHODE ISLAND PUBLIC UTILITIES COMMISSION

235 Pascoag Main Street
P.O.BOX 107
Pascoag, RI 02859

Invoice Number:	6100069936
Contract Account:	200000623
Business Partner:	3820
Payment Due Date:	**11/01/2018**
Amount Due	**$ 15,743.69**

NEW YORK POWER AUTHORITY
Billing and Adjustment Statement

RHODE ISLAND PUBLIC UTILITIES COMMISSION

Contract Account:	200000623	Current Reading Date:	September 30, 2018
Invoice Number:	6100069936	Previous Reading Date:	August 31, 2018
Service Tariff:	SL-1, SL-2	Hours in this period:	720
Allocation:	1,000		

Description	Quantity	Rate		Amount
Demand (KW)				
Firm	1,000	$4.07000	$	4,070.00
Subtotal			$	**4,070.00**
Energy (KWH)				
Firm Hydro	447,000	$0.00492	$	2,199.24
Interruptible	~~348,000~~ 795,000	$0.00492	$	1,712.16
Subtotal			$	**3,911.40**
NY Independent System Operator				
Ancillary Service			$	534.55
TUC Charge			$	7,216.76
Subtotal			$	**7,751.31**
True-up Charges/Credits				
ISO True-up Vers. 2			$	10.98
Subtotal			$	**10.98**
TOTAL CURRENT CHARGES			$	**15,743.69**

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NYPA ISO Billing Statement INVER01

For the Month Beginning August 01, 2018 and Ending August 31, 2018

User Reference	(STL TO RI FIRM)			ISO	Adjustment	Adjusted Value	Line Item
Energy Settlement	Forward Energy	0.00	MWHr	$0.00	$0.00	$0.00	1
	Balancing Energy	0.00	MWHr	$0.00	$0.00	$0.00	2
	Total Energy Settlement			$0.00	$0.00	$0.00	3
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge	(485.00)	MWHr	($2,313.89)	$0.00	($2,313.89)	4
	Forward Loss Charge	0.00		($2,493.07)	$0.00	($2,493.07)	5
	Balancing Congestion Charge	0.00	MWHr	$0.00	$0.00	$0.00	6
	Balancing Loss Charge	0.00		$0.00	$0.00	$0.00	7
	Total Transmission Use Settlement			($4,806.96)	$0.00	($4,806.96)	8
Transmission Service Charge (TSC) Customers External to NYCA	Total Transmission Service Charge Settlement			$0.00	$0.00	$0.00	9
NYPA Transmission Access Charge (NTAC)				$0.00	$0.00	$0.00	10
Ancillary Service	Scheduling, System Control Dispatch Service			($248.56)	$0.01	($248.54)	11
	Local Reliability Rule S,SC and D Charge			$0.00	$0.00	$0.00	12
	Total S, SC and D Charge			($248.56)	$0.01	($248.54)	13
	Market Administration and Control Area Service Charge			$0.00	$0.00	$0.00	14
	Voltage Support Service			($144.24)	$0.00	($144.24)	15
	Regulation and Frequency Response Service			$0.00	$0.00	$0.00	16
	Energy Imbalance Service Charge			$0.00	$0.00	$0.00	17
	Operating Reserve Service Charge			($178.32)	$0.00	($178.32)	18
Black Start Service@ SSS/Billing Unit B	Black StartService Charge			$0.00	$0.00	$0.00	19
	Local Reliability Rule Black StartService Charge			$0.00	$0.00	$0.00	20
	Total Black Start Service Charge			$0.00	$0.00	$0.00	21
Installed Capacity Deficiency Charge				$0.00	$0.00	$0.00	22
Miscellaneous Charges							
Rochester Station 80 Capacitor Banks	These are based on existing agreements between			$0.00	$0.00	$0.00	23
Ramapo Phase Angle Regulator	the NY Control Area and other control areas			$0.00	$0.00	$0.00	24
PJM Transmission Overuse				$0.00	$0.00	$0.00	25
Total Miscellaneous Charges				$0.00	$0.00	$0.00	26
	STL TO RI FIRM Portion			.30037 %		"	27
	NYISO WIDE Uplift Charges			($25.56)	($30.33)	($55.89)	28
	Residual Adjustments			$232.88	$0.00	$232.88	29
	Demand Response Uplift			$0.00	$0.00	$0.00	30
Monthly Transmission Customer Payment/(Charge)				($5,170.76)	($30.31)	($5,201.07)	31
Adjustments				0	$0.00	$0.00	32
Net Transmission Customer Payment/(Charge)				($5,170.76)	($30.31)	($5,201.07)	33
TCC Credit				$0.00	$0.00	$0.00	34
Total				($5,170.76)	($30.31)	($5,201.07)	35

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NYPA ISO Billing Statement INVER01

For the Month Beginning August 01, 2018 and Ending August 31, 2018

User Reference	(STL TO RI INTER)			ISO	Adjustment	Adjusted Value	Line Item
Energy Settlement	Forward Energy	0.00	MWHr	$0.00	$0.00	$0.00	1
	Balancing Energy	0.00	MWHr	$0.00	$0.00	$0.00	2
	Total Energy Settlement			$0.00	$0.00	$0.00	3
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge	(174.00)	MWHr	($1,316.84)	$0.00	($1,316.84)	4
	Forward Loss Charge	0.00		($1,092.96)	$0.00	($1,092.96)	5
	Balancing Congestion Charge	0.00	MWHr	$0.00	$0.00	$0.00	6
	Balancing Loss Charge	0.00		$0.00	$0.00	$0.00	7
	Total Transmission Use Settlement			($2,409.80)	$0.00	($2,409.80)	8
Transmission Service Charge (TSC) Customers External to NYCA	Total Transmission Service Charge Settlement			$0.00	$0.00	$0.00	9
NYPA Transmission Access Charge (NTAC)				$0.00	$0.00	$0.00	10
Ancillary Service	Scheduling, System Control Dispatch Service			($89.15)	$0.01	($89.14)	11
	Local Reliability Rule S,SC and D Charge			$0.00	$0.00	$0.00	12
	Total S, SC and D Charge			($89.15)	$0.01	($89.14)	13
	Market Administration and Control Area Service Charge			$0.00	$0.00	$0.00	14
	Voltage Support Service			($51.75)	$0.00	($51.75)	15
	Regulation and Frequency Response Service			$0.00	$0.00	$0.00	16
	Energy Imbalance Service Charge			$0.00	$0.00	$0.00	17
	Operating Reserve Service Charge			($63.62)	$0.00	($63.62)	18
Black Start Service@ SSS/Billing Unit B	Black StartService Charge			$0.00	$0.00	$0.00	19
	Local Reliability Rule Black StartService Charge			$0.00	$0.00	$0.00	20
	Total Black Start Service Charge			$0.00	$0.00	$0.00	21
Installed Capacity Deficiency Charge				$0.00	$0.00	$0.00	22
Miscellaneous Charges							
Rochester Station 80 Capacitor Banks	These are based on existing agreements between			$0.00	$0.00	$0.00	23
Ramapo Phase Angle Regulator	the NY Control Area and other control areas			$0.00	$0.00	$0.00	24
PJM Transmission Overuse				$0.00	$0.00	$0.00	25
Total Miscellaneous Charges				$0.00	$0.00	$0.00	26
	STL TO RI INTER Portion			.10776 %			27
	NYISO WIDE Uplift Charges			($8.55)	($10.88)	($19.43)	28
	Residual Adjustments			$83.50	$0.00	$83.50	29
	Demand Response Uplift			$0.00	$0.00	$0.00	30
Monthly Transmission Customer Payment/(Charge)				($2,539.36)	($10.88)	($2,550.24)	31
Adjustments				0	$0.00	$0.00	32
Net Transmission Customer Payment/(Charge)				($2,539.36)	($10.88)	($2,550.24)	33
TCC Credit				$0.00	$0.00	$0.00	34
Total				($2,539.36)	($10.88)	($2,550.24)	35

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NYPA ISO Billing Statement INVER03

For the Month Beginning December 01, 2017 and Ending December 31, 2017

User Reference	(STL TO RI FIRM)			ISO	Adjustment	Adjusted Value	Line Item
Energy Settlement	Forward Energy	0.00	MWHr	$0.00	$0.00	$0.00	1
	Balancing Energy	0.00	MWHr	$0.00	$0.00	$0.00	2
	Total Energy Settlement			$0.00	$0.00	$0.00	3
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge	(438.00)	MWHr	($10,884.50)	$0.00	($10,884.50)	4
	Forward Loss Charge	0.00		($2,093.32)	$0.00	($2,093.32)	5
	Balancing Congestion Charge	0.50	MWHr	$0.00	$0.00	$0.00	6
	Balancing Loss Charge	0.00		$2.50	$0.00	$2.50	7
	Total Transmission Use Settlement			($12,975.32)	$0.00	($12,975.32)	8
Transmission Service Charge (TSC) Customers External to NYCA	Total Transmission Service Charge Settlement			$0.00	$0.00	$0.00	9
NYPA Transmission Access Charge (NTAC)				$0.00	$0.00	$0.00	10
Ancillary Service	Scheduling, System Control Dispatch Service			($218.45)	($0.69)	($219.14)	11
	Local Reliability Rule S,SC and D Charge			$0.00	$0.00	$0.00	12
	Total S, SC and D Charge			($218.45)	($0.69)	($219.14)	13
	Market Administration and Control Area Service Charge			$0.00	$0.00	$0.00	14
	Voltage Support Service			($118.58)	$0.00	($118.58)	15
	Regulation and Frequency Response Service			$0.00	$0.00	$0.00	16
	Energy Imbalance Service Charge			$0.00	$0.00	$0.00	17
	Operating Reserve Service Charge			($229.43)	$0.00	($229.43)	18
Black Start Service@ SSS/Billing Unit B	Black StartService Charge			$0.00	$0.00	$0.00	19
	Local Reliability Rule Black StartService Charge			$0.00	$0.00	$0.00	20
	Total Black Start Service Charge			$0.00	$0.00	$0.00	21
Installed Capacity Deficiency Charge				$0.00	$0.00	$0.00	22
Miscellaneous Charges Rochester Station 80 Capacitor Banks	These are based on existing agreements between			$0.00	$0.00	$0.00	23
Ramapo Phase Angle Regulator	the NY Control Area and other control areas			$0.00	$0.00	$0.00	24
PJM Transmission Overuse				$0.00	$0.00	$0.00	25
Total Miscellaneous Charges				$0.00	$0.00	$0.00	26
	STL TO RI FIRM Portion			.24435 %		"	27
	NYISO WIDE Uplift Charges			($33.00)	($7.45)	($40.45)	28
	Residual Adjustments			$287.96	$0.00	$287.96	29
	Demand Response Uplift			$0.00	$0.00	$0.00	30
Monthly Transmission Customer Payment/(Charge)				($13,286.81)	($8.14)	($13,294.94)	31
Adjustments				0	$0.00	$0.00	32
Net Transmission Customer Payment/(Charge)				($13,286.81)	($8.14)	($13,294.94)	33
TCC Credit				$0.00	$0.00	$0.00	34
Total				($13,286.81)	($8.14)	($13,294.94)	35

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NYPA ISO Billing Statement INVER03

For the Month Beginning December 01, 2017 and Ending December 31, 2017

User Reference	(STL TO RI INTER)			ISO	Adjustment	Adjusted Value	Line Item
Energy Settlement	Forward Energy	0.00	MWHr	$0.00	$0.00	$0.00	1
	Balancing Energy	0.00	MWHr	$0.00	$0.00	$0.00	2
	Total Energy Settlement			$0.00	$0.00	$0.00	3
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge	(417.00)	MWHr	($10,319.95)	$0.00	($10,319.95)	4
	Forward Loss Charge	0.00		($2,033.55)	$0.00	($2,033.55)	5
	Balancing Congestion Charge	0.50	MWHr	$0.00	$0.00	$0.00	6
	Balancing Loss Charge	0.00		$2.50	$0.00	$2.50	7
	Total Transmission Use Settlement			($12,351.00)	$0.00	($12,351.00)	8
Transmission Service Charge (TSC) Customers External to NYCA	Total Transmission Service Charge Settlement			$0.00	$0.00	$0.00	9
NYPA Transmission Access Charge (NTAC)				$0.00	$0.00	$0.00	10
Ancillary Service	Scheduling, System Control Dispatch Service			($208.01)	($0.65)	($208.66)	11
	Local Reliability Rule S,SC and D Charge			$0.00	$0.00	$0.00	12
	Total S, SC and D Charge			($208.01)	($0.65)	($208.66)	13
	Market Administration and Control Area Service Charge			$0.00	$0.00	$0.00	14
	Voltage Support Service			($112.91)	$0.00	($112.91)	15
	Regulation and Frequency Response Service			$0.00	$0.00	$0.00	16
	Energy Imbalance Service Charge			$0.00	$0.00	$0.00	17
	Operating Reserve Service Charge			($218.65)	$0.00	($218.65)	18
Black Start Service@ SSS/Billing Unit B	Black StartService Charge			$0.00	$0.00	$0.00	19
	Local Reliability Rule Black StartService Charge			$0.00	$0.00	$0.00	20
	Total Black Start Service Charge			$0.00	$0.00	$0.00	21
Installed Capacity Deficiency Charge				$0.00	$0.00	$0.00	22
Miscellaneous Charges							
Rochester Station 80 Capacitor Banks	These are based on existing agreements between			$0.00	$0.00	$0.00	23
Ramapo Phase Angle Regulator	the NY Control Area and other control areas			$0.00	$0.00	$0.00	24
PJM Transmission Overuse				$0.00	$0.00	$0.00	25
Total Miscellaneous Charges				$0.00	$0.00	$0.00	26
	STL TO RI INTER Portion			.23262 %		"	27
	NYISO WIDE Uplift Charges			($31.45)	($7.09)	($38.54)	28
	Residual Adjustments			$274.39	$0.00	$274.39	29
	Demand Response Uplift			$0.00	$0.00	$0.00	30
Monthly Transmission Customer Payment/(Charge)				($12,647.63)	($7.75)	($12,655.37)	31
Adjustments				0	$0.00	$0.00	32
Net Transmission Customer Payment/(Charge)				($12,647.63)	($7.75)	($12,655.37)	33
TCC Credit				$0.00	$0.00	$0.00	34
Total				($12,647.63)	($7.75)	($12,655.37)	35

MASSACHUSETTS MUNICIPAL WHOLESALE ELECTRIC CO.

Vendor Number	Vendor Name	Check No.	Check Date
1150	Pascoag Utility District	152431	10/11/2018

Reference	Invoice Date	Invoice Number	Invoice Amount	Discount	Net Check Amount
Invoice Summary	10/2/2018	10022018	14,620.23		14,620.23
			14,620.23		14,620.23

NYPA

Journal: 2018008105 Date: Oct 16, 2018
Set: 0 Time: 12:16:35

mmwec
Miscellaneous Activity 14620.23

FMC settlement Aug amd July

Total To-Be-Paid: 14620.23
152431 Check: 14620.23

Change Due: 0.00

4 162 pscgcsh2 1 29

MMWEC
MASSACHUSETTS MUNICIPAL WHOLESALE ELECTRIC CO.
327 MOODY STREET
LUDLOW, MA 01056

Bank of America
52-153-112

Check No.	Check Date	Vendor No.
152431	10/11/2018	1150

Check Amount
$****14,620.23

Not Valid After 365 Days

Pay FOURTEEN THOUSAND SIX HUNDRED TWENTY AND 23/100**********

Two signatures required over $25,000.00

To the Order of Pascoag Utility District
253 Pascoag-Main Street
PO Box 107
Pascoag RI 02859

⑈00152431⑈ ⑆011201539⑆ 000080242607⑈

Date:	October 2, 2018		
Amount ($):	$ 14,620.23		
To:	Pascoag Utility District		
Street:	253 Main Street; Box 107		
City, State :	Pascoag, RI	Zip Code:	01749

	Forward Capacity Market Settlement for NYPA - Aug-18	$	15,931.10
*	Forward Capacity Market Stlmnt NYPA-Pscog Adj 100 KW	$	(932.35)
	PSCOG Share of ISO/NYPA Charges - July 2018	$	(378.52)
		$	14,620.23

* 100 KW @ $ 9.3235 /KW- $932.35

National Grid
Non-Utility Billing
300 Erie Blvd. West
Syracuse NY 13202
(315) 428-3110

PASCOAG UTILITY DISTRICT
ATT:GENERAL MANAGER
PO Box 107
Pascoag RI 02859-0107

Page:	1
Invoice No:	800281612
Invoice Date:	10/01/2018
Customer Number:	200000175
Payment Terms:	Net 30
Due Date:	10/31/2018
Sales Order #:	5410 / 640011766
Reference #:	00010-009696

Line	Description	Quantity UOM	Unit Amt	Net Amount
DIRECT ASSIGNMENT FACILITIES CHARGES				
If you have any questions about this invoice, please contact CHANJUAN LI				
For Period : September 01, 2018 - September 30, 2018				
60	DAF Direct Assignment Facility Charges	1.000 EA	5,991.00	$5,991.00

Sub Total : 5,991.00
Total Taxes : 0.00

TOTAL AMOUNT DUE: $5,991.00

Received: OCT 10 2018
Approved: tjw
GL Account: 565.00 - Spt
Vendor #:
Invoice #:

PLEASE DETACH AND RETURN THIS STUB IN THE ENVELOPE PROVIDED

Make checks payable to National Grid

Mail Payment to:

National Grid
P.O.Box 29803
New York, NY 10087-9803

Invoice No:	800281612
Invoice Date:	10/01/2018
Customer Number:	200000175
Due Date:	10/31/2018

AMOUNT DUE: $5,991.00

Enclosed: _____

ENE
Energy New England

Invoice

Date	Invoice #
9/28/2018	18528

Bill To
Pascoag Utility District Attn: Michael Kirkwood P.O. Box 107 253 Main Street Pascoag, RI 02859

Terms	Due Date
Net 15	10/13/2018

Description	Amount
September 2018	
All Requirements Service, Short Term Supply Management & ISO Administration	7,350.00
Canton Mountain Wind Monthly REC Mgmt & Contract Admin Fee	70.00
Spruce Mountain Wind REC Management Fee	63.00
GL 555.00 Sept	
Total	$7,483.00

100 Foxborough Boulevard, Suite 110
Foxborough, MA 02035-2878
508-698-1200
accounting@ene.org
www.ene.org

IF PAYING BY WIRE TRANSFER, PLEASE REMIT TO:
Santander Bank
ABA #: 011075150
ACCT #: 75860032236

ENE
Energy New England

Invoice

Date	Invoice #
10/12/2018	18490

Bill To

Pascoag Utility District
Attn: Michael Kirkwood
P.O. Box 107
253 Main Street
Pascoag, RI 02859

Terms	Due Date
	10/16/2018

Qty in MWH	Description	Amount
	September 2018	
	- Energy Transactions -	
53.454	Brown Bear II Hydro Purchase	2,669.47
58.029	Canton Mountain Wind Purchase	5,831.96
360.000	NextEra Energy Mktg Purchase	14,040.00
2,069.078	PSEG Energy Resources Purchase	94,660.32
	PSEG Energy Resources Financial Settlement	-922.55
82.900	Spruce Mountain Wind Purchase	8,227.86
480.000	NextEra Energy Mktg Option Purchase	18,377.19
	NextEra Energy Mktg Option Monthly Fixed Costs	6,960.00
3103.461		
	- Capacity Transactions -	
	NextEra Energy Mktg UCAP Purchase	2,510.00
	NextEra Energy Mktg UCAP Sale	-9,541.00
	Aug 18 Hydro Quebec HQICC Payment	-2,220.27
	Aug 18 Canton Mountain Wind FCM Credit	-153.07
	Aug 18 Spruce Mountain Wind FCM Credit	-585.50
	- Transmission Transactions -	
	Aug 18 Hydro Quebec Use Right Payment	-835.57
	Total	$139,018.84

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Foxborough, MA 02035-2878

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IF PAYING BY WIRE TRANSFER, PLEASE REMIT TO:
Santander Bank
ABA #: 011075150
ACCT #: 75860032236

Aug-18

Use Right Payment

	# of Hours		744
	MW		30
	MWH		24353
	Calendar Price		5.037006734
	Total GMP Revenue $$		122666.23
80%	Total Rev $$	$	98,132.98
	GMP Payment Date		9/21/2018
	GMP Payment $$	$	98,132.98
75%	Total Participant Rev $$	$	91,999.69
5%	Net ENE Fee	$	6,133.28

Participant	Pro - Rated Firm MW		Revenue
Pascoag Fire District - Electric Dept.	0.272468169	$	835.57
Total		**$**	**835.57**

Aug-18

HQICC Payment

		MW	26.2097508
		NRCP	$ 9.3235361
		Total GMP Revenue $$	$ 244,367.56
	100%	Total Rev $$	$ 244,367.56
		GMP Payment Date	9/28/2018
		GMP Payment $$	$ 244,367.56

Participant	MW	Revenue
Pascoag Fire District - Electric Dept.	0.23813600	$ 2,220.27

Phase I

Total MW	Participant %	Participant MW
412.00	0.02285%	0.09414200

Phase II

Total MW	Participant %	Participant MW
618.00	0.02330%	0.14399400

Totals HQICC MW

1,030.00	0.23813600

Harle Round

From: Michelle Coscia <mcoscia@ene.org>
Sent: Friday, September 14, 2018 2:04 PM
To: Michael Kirkwood; Harle Round
Cc: Christina Beaudry; Gil Myette; Tim Hebert; David Cavanaugh; Daisy Wang
Subject: SEMA/RI Capacity Self-Supply Issue

Good Afternoon All,

We wanted to inform you of the ISO-NE calculation change to the non-self-supplied Pool Planned units. The settlement for June and July was a credit equal to the full Clearing Price of SEMA/RI, and as you saw this was an extra benefit than if the credit were equal to the SEMA/RI Net Regional Clearing Price (NRCP) for the month. The ISO will be resettling June (Invoiced 11/13) and July Invoiced 12/17) with this new calculation.

The ISO's new calculation is to provide credit equal to the SEMA/RI Payment Rate for the resource. As you can see in the August calculation below this credit is less than the SEMA/RI NRCP. ENE will be addressing this with ISO-NE because these MW's would have been self-supplied and therefore the credit should be equal to SEMA/RI NRPC to offset the load charge rate. As we receive more information we will let you know.

	PUD			
Seabrook - Grand	1.331			
MMWEC Credit	$ 12,699.07	$	9.54	RoP
PPU CTR Credit	$2,035.05	$	1.53	
Total Credit	$ 14,734.12	$	11.07	SEMA/RI Payment Rate
Self-Supply Value	$ 15,013.61	$	11.28	SEMA/RI NRCP
Loss	$ (279.49)	$	(0.21)	

The credit will be received via the same avenues 1) will be the MW at the payment rate of RoP from MMWEC (via resource credit on the monthly Invoice). 2) ISO is issuing a credit on your settlement in the Capacity Transfer Rights (CTR) section specifically called out "Customer Specifically Allocated CTR Credit for Pool Planned Units".

Please let me know if there are any questions.

Thank you,
Michelle

Michelle Coscia
Senior Energy Analyst
Phone: 508.698.1222
Fax: 508.698.0222
Email: mcoscia@ene.org

Energy New England, LLC
100 Foxborough Blvd. Suite 110
Foxborough, MA 02035

565.00

PASCOAG UTILITY DISTRICT
253 Pascoag Main Street
P.O. BOX 107
PASCOAG, RI 02859
ATTN: JUDY ALLAIRE

DATE 22-Oct-18

INVOICE # 800285227
NETWORK TRANSMISSION SERVICE
CLA010-25.16-19.053
September-18

COINCIDENT NETWORK LOAD - PTF	11,704 KW
COINCIDENT NETWORK LOAD - NON-PTF	11,704 KW
LOAD RATIO SHARE - PTF	0.0017056
LOAD RATIO SHARE - NON-PTF	0.0018944
TOTAL MONTHLY TRANSMISSION SYSTEM EXPENSE - PTF	-$13,241,405.38
TOTAL MONTHLY TRANSMISSION SYSTEM EXPENSE - NON-PTF	$10,559,136.98

MONTHLY DEMAND CHARGE					
PTF	-$13,241,405.38	X	0.0017056	=	-$22,584.06
NON-PTF	$10,559,136.98	X	0.0018944	=	$20,003.58
TRANSFORMER SURCHARGE					
	11,995	X	0.37	=	$4,438.15
METER SURCHARGE					
	1.00	X	$65.28	=	$65.28
ADJUSTMENT					$88.09
LOAD DISPATCH CHG					-$175.09
INTEREST REFUND					$0.00
LOAD RATIO REBILL ADJ.					$0.76
TOTAL TRANSMISSION CHARGE					$1,836.69
Total Bill					$1,836.69

PEAK LOAD FOR BILLING MONTH: 09/6/2018 4:00:00 PM

PAYMENT SHOULD BE MADE AS FOLLOWS:

PAYMENT IS TO BE RECEIVED BY THE TWENTY - FIFTH DAY FROM THE ABOVE INVOICE DATE.

PAYMENT BY FED WIRE:
JP Morgan Chase
ABA # 021000021
ACCOUNT: 777149667
Credit: National Grid USA

PAYMENT BY CHECK:
New England Power Co.
Post Office - Brooklyn, P.O. Box 29603
New York, NY 10087-9603

QUESTIONS SHOULD BE ADDRESSED TO KEVIN REARDON (781) 907-2411, TRANSMISSION COMMERCIAL

nationalgrid

New England Power Company
Network Transmission Revenue Requirement

ACTUALfor the month of September 2018

Monthly Demand Charge (PTF):		
	PTF Transmission Rate	$30,423,031
	Less: NEPOOL RNS revenue received	-43,664,436
	Monthly Demand Charge (PTF)	**-$13,241,405**
Monthly Non-PTF Demand Charge:		
A	Return and Associated Income Taxes (see detail below)	$14,248,120
B	Transmission Depreciation Expense	5,197,859
C	Transmission-Related Amortization of Loss on Reacquired Debt	0
D	Transmission-Related Amortization of Investment Tax Credits	-23,374
E	Transmission-Related Amortization of FAS 109	0
F	Transmission-Related Municipal Tax Expense	3,997,793
G	Transmission Operation and Maintenance Expense	6,897,750
H	Transmission-Related Administrative and General Expense	0
I	Transmission-Related Integrated Facilities Credit	13,554,002
J	Transmission Revenue Credit	-33,316,754
K	Distribution-Related Integrated Facilities Credit	0
L	Billing Adjustments	0
M	Reactive Power Expense	0
N	Bad Debt Expense	3,741
	Monthly Non-PTF Demand Charge	**$10,559,137**

Detail - Return and Associated Income Taxes:

Transmission Investment Base	$1,617,572,762
Weighted cost of capital	10.570% *
Return and Associated Income Taxes - Annual	$170,977,441
Return and Associated Income Taxes - Month	$14,248,120

* The Weighted Cost of Capital is based on FERC Opinion No. 531-A issued on 10/16/2014

ENE
Energy New England

Invoice

Date	Invoice #
10/15/2018	18484

(2670.09)
215,362.10
117,649.07

Weekly + Monthly Transmission

Bill To

Pascoag Utility District
Attn: Michael Kirkwood
P.O. Box 107
253 Main Street
Pascoag, RI 02859

Terms	Due Date
Net 1	10/16/2018

Qty in MWH	Description	Amount
	September 2018	
-31.440	ISO Invoice # 299309 Activity 9/12 - 9/16 (Apply Credit Memo # 18485)	-128.71
-21.799	ISO Invoice # 299590 Activity 9/17 - 9/19 (Apply Credit Memo # 18485)	-248.83
-41.062	ISO Invoice # 299854 Activity 9/20 - 9/23 (Apply Credit Memo # 18504)	-1,142.53
-27.012	ISO Invoice # 300117 Activity 9/24 - 9/26 (Apply Credit Memo # 18504)	-563.14
-20.456	ISO Invoice # 300373 Activity 9/27 - 9/30	-560.45
	ISO Invoice # 300633 Activity 9/27 - 9/30 NCPC, Regulation & Reserve Market	556.62
	ISO Invoice # 301189 September Monthly Charges	333,011.17
-28.847	ISO Invoice # 300633 Activity 10/01 - 10/03	2,283.99
-15.162	ISO Invoice # 300902 Activity 10/04	-717.27
-74.836	ISO Invoice # 301189 Activity 10/05 - 10/09	-2,149.77
-260.614		
	Total	$330,341.08

100 Foxborough Boulevard, Suite 110
Foxborough, MA 02035-2878

508-698-1200

accounting@ene.org

www.ene.org

IF PAYING BY WIRE TRANSFER, PLEASE REMIT TO:
Santander Bank
ABA #: 011075150
ACCT #: 75860032236

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	301189
Document Date	10/15/2018
Due Date	10/17/2018
Payer	Pascoag Utility District
Payer Billing	Sovereign Bank-011075150-*******2236
Payee	ISO New England
Payee Bank	TD BANK N.A.-021302567-******9787
Total Net Amount	-$330,861.40

Energy Activity Start Date: 10/5/2018
Energy Activity End Date: 10/9/2018

Customer Id 116

Net Amount Row Labels	Column Labels 10/31/2018	9/30/2018	8/31/2018
DA / RT Energy	**$3,273.32**		**$162.02**
Day-Ahead Energy	$1,423.36		$0.00
Real-Time Energy	$1,849.96		$162.02
Ancillary Charges	**($1,123.55)**	**$70.78**	**$3.03**
Day-Ahead NCPC	($14.51)		$0.03
Real-Time NCPC	($664.96)		$0.53
Regulation	($216.79)		$0.53
Reserve Market	($227.29)		$1.78
RT Energy Emergency Trans CA		$70.78	
Transitional Demand Response			$0.16
ARR Revenues		**$664.19**	**($0.25)**
ARR Long Term Off-Peak Alloc		$107.81	($0.03)
ARR Long Term On-Peak Alloc		$142.53	($0.04)
ARR Monthly Off-Peak Alloc		$195.69	($0.09)
ARR Monthly On-Peak Alloc		$218.16	($0.09)
Schedule Charges		**($1,067.99)**	**($8,401.49)**
AugFeesonNepoolLineof Credit			($0.05)
ISO Schedule 2			($5,488.21)
ISO Schedule 3 Peak			($2,833.90)
ISO Schedule 5 NESCOE			($79.28)
JulFeesonNepoolLineof Credit			($0.05)
Participant Expenses		($1,067.94)	
SepFeesonNepoolLineof Credit		($0.05)	
FCM		**($206,746.17)**	**($47.22)**
FERC Ordered Disgorgement		$17.72	
Forfeited Financial Assurance		$0.12	$0.00
Forward Capacity Market Charge		($206,763.01)	($0.03)
FCM Import Penalty Credit			($47.19)
OATT Charges			**($117,649.07)**
ISO Schedule 1 RNS			($2,188.35)
ISO Schedule 1 TOUT			$36.36
OATT Schedule 1 RNS			($1,619.06)
OATT Schedule 9 RNS			($112,590.99)
OATT-Schedule 16 Blackstart			($547.30)
OATT-Schedule 2 VAR			($739.73)
Grand Total	**$2,149.77**	**($207,078.19)**	**($125,932.98)**
		($333,011.17)	

MW (74.836)

Harle Round

From: Accounting <accounting@ene.org>
Sent: Monday, October 15, 2018 1:52 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD MONTHLY ISO Invoice
Attachments: PUD 18484 ISO 10-15-18.pdf; PUD ISO Invoice 10-10-18.xlsx; PUD ISO Invoice 10-15-18.xlsx

Hello Mike and Harle,

ENE received PUD's bi-weekly ISO invoices as follows:

Issue Date	Invoice #	$ Amount	Due Date	Activity Period	MWH
10/10/18	300902	($717.27)	10/16/18	10/04	(15.162)

Total Invoice: ($717.27)

10/15/18	301189	$333,011.17	10/17/18	Monthly Charges - September	
10/15/18	301189	($2,149.77)	10/17/18	10/05 - 10/09	(74.836)

Total Invoice: $330,861.40

Attached is the ENE invoice for last month:

10/15/18	18484	$330,341.08	10/16/18

I've also attached the ISO Invoice in Excel format for a detailed breakdown.

Please let me know if you have any questions.

Thank you,

Sally LeBlanc
Senior Accountant

ENE
Energy New England

100 Foxborough Boulevard, Suite 110
Foxborough, MA 02035-2878

Phone: (508) 698-1209
Fax: (508) 698-0028

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	300902
Document Date	10/10/2018
Due Date	10/16/2018
Payer	ISO New England
Payer Billing	TD BANK N.A.-021302567-******9787
Payee	PASCOAG UTILITY DISTRICT
Payee Bank	Sovereign Bank-011075150-*******2236
Total Net Amount	$717.27

Energy Activity Start Date: 10/4/2018
Energy Activity End Date: 10/4/2018

Customer Id 116

Net Amount Row Labels	Column Labels 10/31/2018
DA / RT Energy	**$796.36**
Day-Ahead Energy	$371.03
Real-Time Energy	$425.33
Ancillary Charges	**($79.09)**
Day-Ahead NCPC	($4.42)
Real-Time NCPC	($8.80)
Regulation	($33.51)
Reserve Market	($32.36)
Grand Total	**$717.27**

MW (15.162)

ENE
Energy New England

Credit Memo

Date	Credit No.
10/1/2018	18504

Customer
Pascoag Utility District Attn: Michael Kirkwood P.O. Box 107 253 Main Street Pascoag, RI 02859

P.O. No.	Project

Quantity in MWH	Description	Amount
	September 2018	
-41.062	ISO Invoice # 299854 Activity 9/20 - 9/23	-1,142.53
-27.012	ISO Invoice # 300117 Activity 9/24 - 9/26	-563.14

100 Foxborough Boulevard, Suite 110
Foxborough, MA 02035-2878
508-698-1200
accounting@ene.org
www.ene.org

Total	$-1,705.67
Invoices	$0.00
Balance Credit	$-1,705.67

Harle Round

From: Accounting <accounting@ene.org>
Sent: Monday, October 1, 2018 4:11 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice
Attachments: PUD ISO Invoice 9-26-18.xlsx; PUD ISO Invoice 10-1-18.xlsx; PUD 18504 CM ISO 10-1-18.pdf

Hello Mike and Harle,

ENE received PUD's bi-weekly ISO invoices as follows:

Issue Date	Invoice #	$ Amount	Due Date	Activity Period	MWH
09/26/18	299854	($1,142.53)	10/02/18	9/20 - 9/23	(41.062)

Total Invoice: ($1,142.53)

10/01/18	300117	($563.14)	10/05/18	9/24 - 9/26	(27.012)

Total Invoice: ($563.14)

Attached is the ENE credit memo for these ISO invoices:

Credit Memo #	18504	**($1,705.67)**

Please let me know if you have any questions.

Thank you,

Sally LeBlanc
Senior Accountant

ENE
Energy New England

100 Foxborough Boulevard, Suite 110
Foxborough, MA 02035-2878

Phone: (508) 698-1209
Fax: (508) 698-0028
Email: accounting@ene.org

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	299854
Document Date	9/26/2018
Due Date	10/2/2018
Payer	ISO New England
Payer Billing	TD BANK N.A.-021302567-******9787
Payee	PASCOAG UTILITY DISTRICT
Payee Bank	Sovereign Bank-011075150-*******2236
Total Net Amount	$1,142.53

Energy Activity Start Date: 9/20/2018
Energy Activity End Date: 9/23/2018

Customer Id 116

Net Amount Row Labels	Column Labels 9/30/2018
DA / RT Energy	**$1,449.14**
Day-Ahead Energy	$198.37
Real-Time Energy	$1,250.77
Ancillary Charges	**($306.61)**
Day-Ahead NCPC	($8.79)
Real-Time NCPC	($21.50)
Regulation	($61.06)
Reserve Market	($215.26)
Grand Total	**$1,142.53**

MW (41.062)

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	300117
Document Date	10/1/2018
Due Date	10/5/2018
Payer	ISO New England
Payer Billing	TD BANK N.A.-021302567-******9787
Payee	PASCOAG UTILITY DISTRICT
Payee Bank	Sovereign Bank-011075150-*******2236
Total Net Amount	$563.14

Energy Activity Start Date: 9/24/2018
Energy Activity End Date: 9/26/2018

Customer Id 116

Net Amount Row Labels	Column Labels 9/30/2018
DA / RT Energy	**$1,048.81**
Day-Ahead Energy	$241.21
Real-Time Energy	$807.60
Ancillary Charges	**($485.67)**
Day-Ahead NCPC	($22.11)
Real-Time NCPC	($22.79)
Regulation	($122.03)
Reserve Market	($318.74)
Grand Total	**$563.14**

MW (27.012)

Harle Round

From: Accounting <accounting@ene.org>
Sent: Tuesday, October 9, 2018 2:04 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice
Attachments: PUD ISO Invoice 10-3-18.xlsx; PUD ISO Invoice 10-9-18.xlsx

Hello Mike and Harle,

ENE received PUD's bi-weekly ISO invoices as follows:

Issue Date	Invoice #	$ Amount	Due Date	Activity Period	MWH
10/03/18	300373	($560.45)	10/10/18	927 - 9/30	(20.456)
	Total Invoice:	**($560.45)**			

10/09/18	300633	$556.62	10/11/18	9/27 - 9/30 NCPC, Regulation & Reserve Market	
10/09/18	300633	$2,283.99	10/11/18	10/01 - 10/03	(28.847)
	Total Invoice:	**$2,840.61**			

These ISO invoices will fall on the monthly invoice from ENE.

Please let me know if you have any questions.

Thank you,

Sally LeBlanc
Senior Accountant

ENE
Energy New England

100 Foxborough Boulevard, Suite 110
Foxborough, MA 02035-2878

Phone: (508) 698-1209
Fax: (508) 698-0028
Email: accounting@ene.org

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	300373
Document Date	10/3/2018
Due Date	10/10/2018
Payer	ISO New England
Payer Billing	TD BANK N.A.-021302567-******9787
Payee	PASCOAG UTILITY DISTRICT
Payee Bank	Sovereign Bank-011075150-*******2236
Total Net Amount	$560.45

Energy Activity Start Date: 9/27/2018
Energy Activity End Date: 9/30/2018

Customer Id 116

Net Amount Row Labels	Column Labels 9/30/2018
DA / RT Energy	**$861.09**
Day-Ahead Energy	($183.19)
Real-Time Energy	$1,044.28
Ancillary Charges	**($300.64)**
Day-Ahead NCPC	($42.15)
Real-Time NCPC	($12.75)
Regulation	($42.02)
Reserve Market	($203.72)
Grand Total	**$560.45**

MW (20.456)

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	300633
Document Date	10/9/2018
Due Date	10/11/2018
Payer	Pascoag Utility District
Payer Billing	Sovereign Bank-011075150-*******2236
Payee	ISO New England
Payee Bank	TD BANK N.A.-021302567-******9787
Total Net Amount	-$2,840.61

Energy Activity Start Date: 10/1/2018
Energy Activity End Date: 10/3/2018

Customer Id 116

Net Amount Row Labels	Column Labels 10/31/2018	9/30/2018
DA / RT Energy	**($2,212.77)**	
Day-Ahead Energy	($2,903.29)	
Real-Time Energy	$690.52	
Ancillary Charges	**($71.22)**	**($556.62)**
Day-Ahead NCPC	($5.30)	($69.19)
Real-Time NCPC	($5.99)	($58.04)
Regulation	($38.99)	($103.53)
Reserve Market	($20.94)	($325.86)
Grand Total	**($2,283.99)**	**($556.62)**

MW (28.847)

ENE
Energy New England

Credit Memo

Date	Credit No.
9/24/2018	18485

Customer
Pascoag Utility District Attn: Michael Kirkwood P.O. Box 107 253 Main Street Pascoag, RI 02859

P.O. No.	Project

Quantity in MWH	Description	Amount
	September 2018	
-31.440	ISO Invoice # 299309 Activity 9/12 - 9/16	-128.71
-21.799	ISO Invoice # 299590 Activity 9/17 - 9/19	-248.83

100 Foxborough Boulevard, Suite 110
Foxborough, MA 02035-2878
508-698-1200
accounting@ene.org
www.ene.org

Total	$-377.54
Invoices	$0.00
Balance Credit	$-377.54

Harle Round

From: Accounting <accounting@ene.org>
Sent: Monday, September 24, 2018 1:39 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice (Credit)
Attachments: PUD ISO Invoice 9-19-18.xlsx; PUD ISO Invoice 9-24-18.xlsx; PUD 18485 CM ISO 9-24-18.pdf

Hello Mike and Harle,

ENE received PUD's bi-weekly ISO invoices as follows:

Issue Date	Invoice #	$ Amount	Due Date	Activity Period	MWH
09/19/18	299309	($128.71)	09/25/18	9/12 - 9/16	(31.440)
	Total Invoice:	**($128.71)**			

09/24/18	299590	($248.83)	09/28/18	9/17 - 9/19	(21.799)
	Total Invoice:	**($248.83)**			

Attached is the ENE credit memo for these ISO invoices:

Credit Memo #	18485	**($377.54)**

Please let me know if you have any questions.

Thank you,

Sally LeBlanc
Senior Accountant

ENE
Energy New England

100 Foxborough Boulevard, Suite 110
Foxborough, MA 02035-2878

Phone: (508) 698-1209
Fax: (508) 698-0028
Email: accounting@ene.org

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	299590
Document Date	9/24/2018
Due Date	9/28/2018
Payer	ISO New England
Payer Billing	TD BANK N.A.-021302567-******9787
Payee	PASCOAG UTILITY DISTRICT
Payee Bank	Sovereign Bank-011075150-*******2236
Total Net Amount	$248.83

Energy Activity Start Date: 9/17/2018
Energy Activity End Date: 9/19/2018

Customer Id 116

Net Amount Row Labels	Column Labels 9/30/2018
DA / RT Energy	**$1,278.89**
Day-Ahead Energy	$1,335.47
Real-Time Energy	($56.58)
Ancillary Charges	**($1,030.06)**
Day-Ahead NCPC	($21.51)
Real-Time NCPC	($222.80)
Regulation	($235.53)
Reserve Market	($550.22)
Grand Total	**$248.83**

MW (21.799)

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	299309
Document Date	9/19/2018
Due Date	9/25/2018
Payer	ISO New England
Payer Billing	TD BANK N.A.-021302567-******9787
Payee	PASCOAG UTILITY DISTRICT
Payee Bank	Sovereign Bank-011075150-*******2236
Total Net Amount	$128.71

Energy Activity Start Date: 9/12/2018
Energy Activity End Date: 9/16/2018

Customer Id 116

Net Amount Row Labels	Column Labels 9/30/2018
DA / RT Energy	**$391.40**
Day-Ahead Energy	$835.35
Real-Time Energy	($443.95)
Ancillary Charges	**($262.69)**
Day-Ahead NCPC	($2.24)
Real-Time NCPC	($7.02)
Regulation	($35.30)
Reserve Market	($218.13)
Grand Total	**$128.71**

MW (31.440)

ENE
Energy New England

Invoice

Date	Invoice #
10/29/2018	18655

Bill To
Pascoag Utility District Attn: Michael Kirkwood P.O. Box 107 253 Main Street Pascoag, RI 02859

Terms	Due Date
Net 15	11/13/2018

Description	Amount
Reimbursement for Constant Energy Capital Inv# PASC-11: Transmission 08/2018 565.0	8,954.03
Reimbursement for Constant Energy Capital Inv# PASC-11: Energy 09/2018 555.0	8,010.67
28,035 kwh	
Total	$16,964.70

100 Foxborough Boulevard, Suite 110
Foxborough, MA 02035-2878
508-698-1200
accounting@ene.org
www.ene.org

IF PAYING BY WIRE TRANSFER, PLEASE REMIT TO:
Santander Bank
ABA #: 011075150
ACCT #: 75860032236

Constant Energy Capital
c/o RESIDCO
70 W. Madison, Suite 2200
Chicago, IL 60602-4275
Tel: 207-494-5009
Email: billing@constantenergycap.com
** NEW REMIT TO ADDRESS **

Pascoag Utility District
Attn: Mr. Michael Kirkwood
PO Box 107
Pascoag, RI 02859

Date: 20-Oct-18
Invoice #: PASC-11
Payment Terms: Net 30 Days

Pascoag Powerhouse LLC - Invoice Detail

Transmission Charge Savings Service Fee

National Grid Transmission Peak Day and Hour	*Period Billed*	*(a) RNS Rate ($/kW-month)*	*(b) Generator Output (kW)*	*(c) (a) x (b)*	*(d) Split*	*(e) (c) x (d)*
8/29/2018 HE 18	August 2018	9.33470	1065.80	$ 9,948.92	90%	$ 8,954.03

Capacity Charge Savings Service Fee

ISO NE ICAP Peak Day and Hour	*Period Billed*	*Capacity Rate ($/kW-month)*	*Generator Output (kW)*	*(a) x (b)*	Split	(c) x (d)
				$ -	90%	$ -

Energy Charge Service Fee [1]	Billing Period:	9/1/2018 to 9/30/2018	$ 8,010.67
Energy Service Fee Rebate			$ -
ISO-NE Program Service Fee Rebate			$ -
Total Amount Due			$ 16,964.70

[1] *See attached Energy Charge Detail for hourly LMP against hourly Generator Output*

Preferred Payment Method
ACH and Wiring Instructions:
Bank of America
ABA Number: 011200365
Account Name: CEC PUD LLC
Account Number: 458003041090
Reference: Invoice#

Alternate Payment Method **** NEW REMIT TO ADDRESS ****
Send invoice inquiries and check payments to:
Constant Energy Capital
c/o RESIDCO
70 W. Madison, Suite 2200
Chicago, IL 60602-4275
Tel: 207-494-5009
Email: billing@constantenergycap.com

Energy Charge Detail: September 1, 2018 thru September 30, 2018

Timestamp	Hourly LMP ($/MWh)	Generator Output (kWh)	Energy Charge ($)
9/1/2018 1:00	22.86	0	$ -
9/1/2018 2:00	20.79	0	$ -
9/1/2018 3:00	22.28	0	$ -
9/1/2018 4:00	22.24	0	$ -
9/1/2018 5:00	22.21	0	$ -
9/1/2018 6:00	23.1	0	$ -
9/1/2018 7:00	22	0	$ -
9/1/2018 8:00	19.53	0	$ -
9/1/2018 9:00	22	0	$ -
9/1/2018 10:00	23.18	0	$ -
9/1/2018 11:00	22.14	0	$ -
9/1/2018 12:00	24.25	0	$ -
9/1/2018 13:00	25.27	0	$ -
9/1/2018 14:00	24.91	0	$ -
9/1/2018 15:00	29.81	0	$ -
9/1/2018 16:00	36.1	0	$ -
9/1/2018 17:00	35.9	0	$ -
9/1/2018 18:00	34.22	0	$ -
9/1/2018 19:00	28.48	0	$ -
9/1/2018 20:00	26.23	0	$ -
9/1/2018 21:00	28	0	$ -
9/1/2018 22:00	22.98	0	$ -
9/1/2018 23:00	21.26	0	$ -
9/2/2018 0:00	19.85	0	$ -
9/2/2018 1:00	26.69	0	$ -
9/2/2018 2:00	22.64	0	$ -
9/2/2018 3:00	22.95	0	$ -
9/2/2018 4:00	22.9	0	$ -
9/2/2018 5:00	22.61	0	$ -
9/2/2018 6:00	22.6	0	$ -
9/2/2018 7:00	22.94	0	$ -
9/2/2018 8:00	17.5	0	$ -
9/2/2018 9:00	19.01	0	$ -
9/2/2018 10:00	23.34	0	$ -
9/2/2018 11:00	23.52	0	$ -
9/2/2018 12:00	22.61	0	$ -
9/2/2018 13:00	23.2	0	$ -
9/2/2018 14:00	24.16	0	$ -
9/2/2018 15:00	34.54	0	$ -
9/2/2018 16:00	41.09	0	$ -
9/2/2018 17:00	39.84	0	$ -
9/2/2018 18:00	40.88	0	$ -
9/2/2018 19:00	39.44	0	$ -
9/2/2018 20:00	38.48	0	$ -
9/2/2018 21:00	34.43	0	$ -
9/2/2018 22:00	36.68	0	$ -
9/2/2018 23:00	31.51	0	$ -
9/3/2018 0:00	27.74	0	$ -
9/3/2018 1:00	28.83	0	$ -
9/3/2018 2:00	27.26	0	$ -
9/3/2018 3:00	26.21	0	$ -
9/3/2018 4:00	26.8	0	$ -
9/3/2018 5:00	26.81	0	$ -
9/3/2018 6:00	28.97	0	$ -
9/3/2018 7:00	26.36	0	$ -
9/3/2018 8:00	25.8	0	$ -
9/3/2018 9:00	36.08	0	$ -
9/3/2018 10:00	56.47	0	$ -
9/3/2018 11:00	59.02	0	$ -
9/3/2018 12:00	56.42	0	$ -
9/3/2018 13:00	63.46	0	$ -
9/3/2018 14:00	75.21	0	$ -
9/3/2018 15:00	219.46	566.8	$ 124.39
9/3/2018 16:00	573.82	1066	$ 611.69
9/3/2018 17:00	1122.92	1065.2	$ 1,196.13
9/3/2018 18:00	2452.27	1067	$ 2,616.57
9/3/2018 19:00	786.54	1069	$ 840.81
9/3/2018 20:00	240.82	1071.1	$ 257.94
9/3/2018 21:00	171.79	1073	$ 184.33
9/3/2018 22:00	68.33	291.9	$ 19.95
9/3/2018 23:00	44.42	0	$ -
9/4/2018 0:00	46.78	0	$ -
9/4/2018 1:00	58.39	0	$ -
9/4/2018 2:00	44.09	0	$ -
9/4/2018 3:00	64.74	0	$ -
9/4/2018 4:00	55.23	0	$ -
9/4/2018 5:00	52.79	0	$ -
9/4/2018 6:00	59.71	0	$ -
9/4/2018 7:00	65.44	0	$ -
9/4/2018 8:00	70.09	0	$ -

Energy Charge Total	$	8,010.67
Total KWH		28,035

9/4/2018 9:00	50.72	0	$	-
9/4/2018 10:00	39.68	0	$	-
9/4/2018 11:00	48.54	0	$	-
9/4/2018 12:00	67.59	0	$	-
9/4/2018 13:00	66.79	0	$	-
9/4/2018 14:00	71.9	964.6	$	69.35
9/4/2018 15:00	89.07	1068.9	$	95.21
9/4/2018 16:00	79.18	1069.8	$	84.71
9/4/2018 17:00	79.93	1070.1	$	85.53
9/4/2018 18:00	78.53	1071.6	$	84.15
9/4/2018 19:00	77.4	1073.4	$	83.08
9/4/2018 20:00	77.46	75.6	$	5.86
9/4/2018 21:00	66.96	0	$	-
9/4/2018 22:00	40.21	0	$	-
9/4/2018 23:00	33.29	0	$	-
9/5/2018 0:00	38.37	0	$	-
9/5/2018 1:00	32.08	0	$	-
9/5/2018 2:00	40.99	0	$	-
9/5/2018 3:00	33.79	0	$	-
9/5/2018 4:00	28.52	0	$	-
9/5/2018 5:00	27.78	0	$	-
9/5/2018 6:00	36.08	0	$	-
9/5/2018 7:00	43.39	0	$	-
9/5/2018 8:00	41.59	0	$	-
9/5/2018 9:00	40.13	0	$	-
9/5/2018 10:00	34.09	0	$	-
9/5/2018 11:00	31.37	0	$	-
9/5/2018 12:00	38.52	0	$	-
9/5/2018 13:00	53.07	0	$	-
9/5/2018 14:00	61.86	0	$	-
9/5/2018 15:00	67.74	222.6	$	15.08
9/5/2018 16:00	90.17	1069.1	$	96.40
9/5/2018 17:00	124.75	1068.7	$	133.32
9/5/2018 18:00	103.54	1069.8	$	110.77
9/5/2018 19:00	72.19	1072.2	$	77.40
9/5/2018 20:00	70.03	74.1	$	5.19
9/5/2018 21:00	63.8	0	$	-
9/5/2018 22:00	58.42	0	$	-
9/5/2018 23:00	54.65	0	$	-
9/6/2018 0:00	109	0	$	-
9/6/2018 1:00	37.62	927	$	34.87
9/6/2018 2:00	33.88	122	$	4.13
9/6/2018 3:00	27.71	0	$	-
9/6/2018 4:00	26.94	0	$	-
9/6/2018 5:00	28.02	0	$	-
9/6/2018 6:00	32.77	0	$	-
9/6/2018 7:00	36.64	0	$	-
9/6/2018 8:00	41.85	0	$	-
9/6/2018 9:00	40.69	0	$	-
9/6/2018 10:00	35.78	0	$	-
9/6/2018 11:00	40.11	0	$	-
9/6/2018 12:00	49.25	0	$	-
9/6/2018 13:00	60.63	0	$	-
9/6/2018 14:00	74.18	955.2	$	70.86
9/6/2018 15:00	82.52	1066.1	$	87.97
9/6/2018 16:00	95.03	1066	$	101.30
9/6/2018 17:00	64.45	1070.1	$	68.97
9/6/2018 18:00	55.72	1075.9	$	59.95
9/6/2018 19:00	43.24	74.7	$	3.23
9/6/2018 20:00	38.41	0	$	-
9/6/2018 21:00	32.17	0	$	-
9/6/2018 22:00	33.89	0	$	-
9/6/2018 23:00	33.61	0	$	-
9/7/2018 0:00	28.66	0	$	-
9/7/2018 1:00	26.23	0	$	-
9/7/2018 2:00	28.26	0	$	-
9/7/2018 3:00	30.74	0	$	-
9/7/2018 4:00	30.01	0	$	-
9/7/2018 5:00	30.01	0	$	-
9/7/2018 6:00	32.86	0	$	-
9/7/2018 7:00	36.79	0	$	-
9/7/2018 8:00	44.83	0	$	-
9/7/2018 9:00	44.47	0	$	-
9/7/2018 10:00	43.92	0	$	-
9/7/2018 11:00	41.78	0	$	-
9/7/2018 12:00	39.23	0	$	-
9/7/2018 13:00	45.13	0	$	-
9/7/2018 14:00	40.44	0	$	-
9/7/2018 15:00	29.36	0	$	-
9/7/2018 16:00	28.06	0	$	-
9/7/2018 17:00	32.4	0	$	-
9/7/2018 18:00	32.31	0	$	-
9/7/2018 19:00	31.75	0	$	-
9/7/2018 20:00	31.55	0	$	-

9/7/2018 21:00	29.17	0	$	-
9/7/2018 22:00	27.33	0	$	-
9/7/2018 23:00	27.86	0	$	-
9/8/2018 0:00	22.86	0	$	-
9/8/2018 1:00	24.01	0	$	-
9/8/2018 2:00	22.5	0	$	-
9/8/2018 3:00	21.16	0	$	-
9/8/2018 4:00	20.3	0	$	-
9/8/2018 5:00	19.78	0	$	-
9/8/2018 6:00	23.11	0	$	-
9/8/2018 7:00	26.76	0	$	-
9/8/2018 8:00	26.89	0	$	-
9/8/2018 9:00	32.64	0	$	-
9/8/2018 10:00	33.52	0	$	-
9/8/2018 11:00	30.6	0	$	-
9/8/2018 12:00	24.31	0	$	-
9/8/2018 13:00	22.95	0	$	-
9/8/2018 14:00	22.43	0	$	-
9/8/2018 15:00	22.72	0	$	-
9/8/2018 16:00	22.6	0	$	-
9/8/2018 17:00	24.61	0	$	-
9/8/2018 18:00	22.68	0	$	-
9/8/2018 19:00	28.36	0	$	-
9/8/2018 20:00	33.15	0	$	-
9/8/2018 21:00	24.78	0	$	-
9/8/2018 22:00	20.15	0	$	-
9/8/2018 23:00	19.8	0	$	-
9/9/2018 0:00	21.07	0	$	-
9/9/2018 1:00	19.99	0	$	-
9/9/2018 2:00	21.61	0	$	-
9/9/2018 3:00	23.73	0	$	-
9/9/2018 4:00	20.84	0	$	-
9/9/2018 5:00	20.75	0	$	-
9/9/2018 6:00	20.77	0	$	-
9/9/2018 7:00	23.53	0	$	-
9/9/2018 8:00	19.38	0	$	-
9/9/2018 9:00	19.79	0	$	-
9/9/2018 10:00	27.57	0	$	-
9/9/2018 11:00	27.74	0	$	-
9/9/2018 12:00	28.68	0	$	-
9/9/2018 13:00	24.99	0	$	-
9/9/2018 14:00	21.72	0	$	-
9/9/2018 15:00	19.98	0	$	-
9/9/2018 16:00	19.71	0	$	-
9/9/2018 17:00	19.8	0	$	-
9/9/2018 18:00	19.96	0	$	-
9/9/2018 19:00	21.84	0	$	-
9/9/2018 20:00	26.84	0	$	-
9/9/2018 21:00	24.04	0	$	-
9/9/2018 22:00	22.77	0	$	-
9/9/2018 23:00	19.25	0	$	-
9/10/2018 0:00	19.8	0	$	-
9/10/2018 1:00	18.66	0	$	-
9/10/2018 2:00	17.45	0	$	-
9/10/2018 3:00	17.42	0	$	-
9/10/2018 4:00	17.78	0	$	-
9/10/2018 5:00	17.82	0	$	-
9/10/2018 6:00	-42.48	0	$	-
9/10/2018 7:00	16.27	0	$	-
9/10/2018 8:00	21.98	0	$	-
9/10/2018 9:00	38.16	0	$	-
9/10/2018 10:00	28.34	0	$	-
9/10/2018 11:00	34.13	0	$	-
9/10/2018 12:00	32.64	0	$	-
9/10/2018 13:00	25.83	0	$	-
9/10/2018 14:00	23.28	0	$	-
9/10/2018 15:00	24.97	0	$	-
9/10/2018 16:00	23.76	0	$	-
9/10/2018 17:00	24.09	0	$	-
9/10/2018 18:00	23.11	0	$	-
9/10/2018 19:00	22.88	0	$	-
9/10/2018 20:00	19.95	0	$	-
9/10/2018 21:00	19.99	0	$	-
9/10/2018 22:00	19.12	0	$	-
9/10/2018 23:00	17.03	0	$	-
9/11/2018 0:00	17.99	0	$	-
9/11/2018 1:00	17.99	0	$	-
9/11/2018 2:00	17.84	0	$	-
9/11/2018 3:00	11.34	0	$	-
9/11/2018 4:00	13.59	0	$	-
9/11/2018 5:00	4.43	0	$	-
9/11/2018 6:00	18.05	0	$	-
9/11/2018 7:00	18.2	0	$	-
9/11/2018 8:00	19.18	0	$	-

9/11/2018 9:00	19.97	0	$	-
9/11/2018 10:00	19.62	0	$	-
9/11/2018 11:00	19.62	0	$	-
9/11/2018 12:00	11.06	0	$	-
9/11/2018 13:00	19.43	0	$	-
9/11/2018 14:00	20.4	0	$	-
9/11/2018 15:00	20.48	0	$	-
9/11/2018 16:00	20.14	0	$	-
9/11/2018 17:00	20.88	0	$	-
9/11/2018 18:00	21.9	0	$	-
9/11/2018 19:00	22.9	0	$	-
9/11/2018 20:00	25.32	0	$	-
9/11/2018 21:00	23.61	0	$	-
9/11/2018 22:00	20.92	0	$	-
9/11/2018 23:00	18.08	0	$	-
9/12/2018 0:00	19.8	0	$	-
9/12/2018 1:00	19.41	0	$	-
9/12/2018 2:00	20.94	0	$	-
9/12/2018 3:00	16.19	0	$	-
9/12/2018 4:00	20	0	$	-
9/12/2018 5:00	18.96	0	$	-
9/12/2018 6:00	19.88	0	$	-
9/12/2018 7:00	23.6	0	$	-
9/12/2018 8:00	24.61	0	$	-
9/12/2018 9:00	31	0	$	-
9/12/2018 10:00	31.75	0	$	-
9/12/2018 11:00	28.62	0	$	-
9/12/2018 12:00	25.21	0	$	-
9/12/2018 13:00	29.27	0	$	-
9/12/2018 14:00	25.78	0	$	-
9/12/2018 15:00	25.8	0	$	-
9/12/2018 16:00	24.01	0	$	-
9/12/2018 17:00	23.24	0	$	-
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9/12/2018 20:00	31.62	0	$	-
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9/13/2018 10:00	34.44	0	$	-
9/13/2018 11:00	30.94	0	$	-
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9/16/2018 12:00	23.41	0	$	-
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9/16/2018 17:00	308.99	1065	$	329.07
9/16/2018 18:00	236.97	1072.9	$	254.25
9/16/2018 19:00	158.03	1076.8	$	170.17
9/16/2018 20:00	121.23	186.1	$	22.56
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9/29/2018 10:00	20.19	0	$	-
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9/29/2018 14:00	19.68	0	$	-
9/29/2018 15:00	19.05	0	$	-
9/29/2018 16:00	19.07	0	$	-
9/29/2018 17:00	21.23	0	$	-
9/29/2018 18:00	27.82	0	$	-
9/29/2018 19:00	42.17	0	$	-
9/29/2018 20:00	41.65	0	$	-
9/29/2018 21:00	33.32	0	$	-
9/29/2018 22:00	32.62	0	$	-
9/29/2018 23:00	32.37	0	$	-
9/30/2018 0:00	39.27	0	$	-
9/30/2018 1:00	18.65	0	$	-
9/30/2018 2:00	17.24	0	$	-
9/30/2018 3:00	19.02	0	$	-
9/30/2018 4:00	19.23	0	$	-
9/30/2018 5:00	11.27	0	$	-
9/30/2018 6:00	16.22	0	$	-
9/30/2018 7:00	18.45	0	$	-
9/30/2018 8:00	0.55	0	$	-
9/30/2018 9:00	19.23	0	$	-
9/30/2018 10:00	19.57	0	$	-
9/30/2018 11:00	12.24	0	$	-
9/30/2018 12:00	6.08	0	$	-
9/30/2018 13:00	17.94	0	$	-
9/30/2018 14:00	19.31	0	$	-
9/30/2018 15:00	18.8	0	$	-
9/30/2018 16:00	19.01	0	$	-
9/30/2018 17:00	22.01	0	$	-
9/30/2018 18:00	32.63	0	$	-
9/30/2018 19:00	59.88	0	$	-
9/30/2018 20:00	57.62	0	$	-
9/30/2018 21:00	35.3	0	$	-
9/30/2018 22:00	22.58	0	$	-
9/30/2018 23:00	27.2	0	$	-
10/1/2018 0:00	27.71	0	$	-