

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



Memorandum Invoice for Period: AUGUST 2018

Project Name	KW Capability	KWH Generation	Capacity	Fuel	Transmission	Total Net Monthly Power Costs	Cost per KWH
Project Six	75,020	55,669,546	1,819,716.54	329,563.72	3,333.45	2,152,613.71	.0387
TOTAL		55,669,546	\$1,819,716.54	\$329,563.72	\$3,333.45	\$2,152,613.71	\$0.0387

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	990,417	32,374.58	5,863.27	59.31	38,297.16	.0387
TOTAL		990,417	\$32,374.58	\$5,863.27	\$59.31	\$38,297.16	\$0.0387

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	990,417	32,374.58	5,863.27	59.31	38,297.16	.0387
TOTAL		990,417	\$32,374.58	\$5,863.27	\$59.31	\$38,297.16	\$0.0387

Energy
 38,297.16

09/20/2018 8:48:59 am

Page: 1

**GENERAL LEDGER
JOURNAL DETAIL**

Journal : 2018007431
 Description : Journal Entry
 Created Date : 09/20/2018
 Created By : pscghjr
 Status : Approved

Approved/Rejected Date : 09/20/2018
 Approved/Rejected By : pscghjr
 Module : General Ledger
 Journal Activity : Journal Entry
 Batch : SJE 2

Line	Div Account	Description	Dept	Acty	BU Project	Jrnl Credit Reference	Date	Debit	Credit
1	1 0253.0	Deferred Credits/Other Deferred Credit	0	0		0 Surplus funds 2018/2019	08/31/2018	2,787.02	
2	1 0555.0	Purchase Power	0	0		0 Surplus funds 2018/2019	08/31/2018		2,787.02
Total for Journal Number 2018007431:								2,787.02	2,787.02

**MASSACHUSETTS MUNICIPAL
WHOLESALE ELECTRIC CO.**

Vendor Number	Vendor Name	Check No.	Check Date
1150	Pascoag Utility District	152135	8/30/2018

Reference	Invoice Date	Invoice Number	Invoice Amount	Discount	Net Check Amount
Invoice Summary	8/27/2018	08272018	30,656.52		30,656.52
			30,656.52		30,656.52

253.0 deferred credit

Journal: 2018006967 Date: Sep 5, 2018
 0 Time: 11:12:09

plus funds 2018
 Miscellaneous Activity 30656.52

plus \$15709.91 RNE Revenue \$14946.61

Total To-Be-Paid: 30656.52
 152135 Check: 30656.52

Change Due: 0.00

162 pscgsh2 1 29

*1 @ 2787.02 Aug
 10 @ 2786.95 Sept 2018 - June 2019*

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

Bank of America
 52-153-112

Check No.	Check Date	Vendor No.
152135	8/30/2018	1150

Pay THIRTY THOUSAND SIX HUNDRED FIFTY SIX AND 52/100*****

Check Amount
\$****30,656.52

Not Valid After 365 Days

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

[Signature]
 Two signatures required over \$25,000.00



Date: August 27, 2018

Amount (\$): \$ 30,656.52

To: Pascoag Utility District

Street: 253 Pascoag-Main Street, PO Box 107

City, State : Pascoag, RI Zip Code: 01867

Surplus funds - 2018 \$15,709.91

RNS Revenues -\$14,946.61



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:	59151
Invoice Date:	09/14/2018
Due Date:	10/14/2018
Customer ID:	1150

Service Bill

Billing Period 8, for services rendered under the All Requirements Agreement or MMWEC Service Agreement, as applicable

Bill Code	Description of Charges	Amount
00CB	Consolidated Billing Administr	-6.83
NY41	Pascoag - NYPA Power Administr	153.82
	Total Due:	\$ 146.99

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.



Massachusetts Municipal Wholesale Electric Company
 Stony Brook Energy Center
 Post Office Box 426
 Ludlow, Massachusetts 01056

AUG 23 2018

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

Statement Date:	8/20/2018
Due Date:	9/20/2018
Customer ID:	1150
Power Period:	July 2018

CONSOLIDATED BILLING STATEMENT FOR INVOICES RENDERED FOR THE
 PERIOD July 21,2018 TO August 20,2018

SEE ATTACHED INVOICES FOR BILLING DETAIL

INV #	DESCRIPTION	AMOUNT	KWH
57951	HYDRO QUEBEC PHASE I	\$144.36	
58211	HYDRO QUEBEC PHASE I	44.20	
57982	HYDRO QUEBEC PHASE II	796.20	
58445	NYPA 1995	529.78	
58365	SERVICE BILLING	214.65	
58548	PROJECT SIX	38,125.79	

Handwritten notes:
 August (bracketed next to \$144.36, 44.20, 796.20)
 - July (next to 529.78)
 - July (next to 214.65)
 Prepay (next to 38,125.79)

TOTAL DUE \$39,854.92

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:	57961 RI
Invoice Date:	08/03/2018
Due Date:	08/14/2018
Customer ID:	1150

Hydro Quebec Phase I
 Billing Period - August 2018

	MMWEC Share	PART. %	Participant Share
Percent Participation Capability	<u>23,826 KW</u>	0.6617 %	<u>158 KW</u>
Total Capability	23,826 KW		158 KW
Generation (KWH)			
Generation - Sold			0 KWH
Generation - Purchased	<u>0 KWH</u>	0.6617 %	<u>0 KWH</u>
Total Net Generation	0 KWH		0 KWH
Capacity Charge			
Capacity Charge	<u>\$0.00</u>	0.6617 %	<u>\$0.00</u>
Total Capacity	\$0.00		\$0.00
Energy Charge			
Energy Charge	<u>\$0.00</u>	0.6617 %	<u>\$0.00</u>
Energy Charge - NEPOOL Charges			<u>\$0.00</u>
Total Energy	\$0.00		\$0.00
Other Charges / Credits			\$0.00
Transmission Costs	<u>\$2,294.98</u>	0.6617 %	<u>\$15.19</u>
Sub Total - Purchased Power	\$2,294.98		\$15.19
Administrative Expense	\$19,510.87	0.6617 %	\$129.10
Administrative Expense - Line of Credit	\$1.33	0.6617 %	\$0.01
Investment Earnings Credit			\$0.00
Interest on Borrowings - Line of Credit			\$0.00
Interest Expense			<u>\$0.00</u>
Total Admin & Other Costs	\$19,512.20		\$129.11
Assessments			
Reserve Trust			\$0.00
Working Capital			<u>\$0.00</u>
Total MMWEC Share	<u>\$21,807.18</u>		<u>\$0.00</u>

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: \$144.30

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:	58211 RI
Invoice Date:	08/10/2018
Due Date:	08/23/2018
Customer ID:	1150

Hydro Quebec Phase I
 Billing Period - Aug. 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	\$6,680.43	0.6617 %	\$44.20
Sub Total - Purchased Power	\$6,680.43		\$44.20
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	\$6,680.43		\$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: \$44.20

Payment Instructions

PLEASE MAKE PAYMENT TO MMWEC VIA:

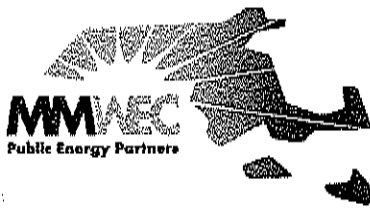
ACH: BANK OF AMERICA N.A.
 SPRINGFIELD, MA ABA # 011-000-138

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:	57982 RI
Invoice Date:	08/03/2018
Due Date:	08/14/2018
Customer ID:	1150

Hydro Quebec II Equity
 Billing Period - August 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	\$20,034.34	3.6300 %	\$727.25
Sub Total - Purchased Power	\$20,034.34		\$727.25
Administrative Expense	\$1,899.52	3.6300 %	\$68.95
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	\$1,899.52		\$68.95
Assessments			
Reserve Trust			\$0.00
Working Capital			\$0.00
Total MMWEC Share	\$21,933.86		\$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: \$796.20

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
 Post Office Box 426
 Ludlow, Massachusetts 01056

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

Statement Date:	8/16/2018
Due Date: *	9/20/2018
Customer ID:	1150

* An interest charge shall be assessed of 1.5% per month for any delinquent payment

POWER SALES AGREEMENT BILLING STATEMENT

Project Description	Invoice Number	Total Invoice (1)
PROJECT SIX	58548	38,125.79
	SUB TOTAL DUE	<u>38,125.79</u> (2)
	TOTAL DUE	<u>38,125.79</u>

(1) SEE ATTACHED FOR DETAILED BILLING AMOUNTS

(2) AMOUNT PAYABLE TO THE ZERO BALANCE ACCOUNT, IF APPLICABLE

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

FOR CREDIT TO: (2) MMWEC TRUSTEE ZERO BALANCE ACCOUNT 75-169-307

PLEASE INSTRUCT CITY/TOWN TREASURER TO NOTIFY MMWEC PRIOR TO 12:00 PM
 ON DAY OF PAYMENT VIA TELEPHONE (1-800-332-0469 EXT. 371)

MAKE CHECK PAYABLE TO: (2) "MMWEC - ZERO BALANCE", P.O. BOX.426, LUDLOW, MA 01056-0426

TO BE RECEIVED ON OR BEFORE THE DUE DATE



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:	58548
Invoice Date:	08/16/2018
Due Date:	09/15/2018
Customer ID:	1150

Project Six

Billing Period September 2018, in accordance with annual budget data, under Power Sales Agreement

Description of Charges	Amount
Nuclear Project Six	38,125.79
Total Due:	\$ 38,125.79

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.

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

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

PASCOAG

	<u>100%</u>	<u>1.7791%</u>
1. Cumulative billings, net of expenses through July	(1) (\$12,666.76)	(1) (\$225.35)
2. Adjusted Billing for August (Billed in July)	\$2,152,950.01	\$38,303.13
3. Funds available for August	<u>\$2,140,283.25</u>	<u>\$38,077.78</u>
4. Less Capacity & Transmission budget for August	(\$2,146,826.00)	(\$38,194.18)
5. Funds available for September	<u>(\$6,542.75)</u>	<u>(\$116.40)</u>
6. Power cost Capacity & Transmission budget for September	\$2,136,381.00	\$38,008.35
7. Adjusted billing for September	(2) <u>\$2,142,923.75</u>	(2) <u>\$38,124.76</u>

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 CO.**

Vendor Number	Vendor Name	Check No.	Check Date
1150	Pascoag Utility District	152134	8/30/2018

Reference	Invoice Date	Invoice Number	Invoice Amount	Discount	Net Check Amount
Invoice Summary	8/17/2018	08172018	15,000.82		15,000.82
			15,000.82		15,000.82

Journal: 2018006886 Date: Sep 4, 2018
Set: 0 Time: 10:31:58

*Received In
Sept*

MMWEC
Miscellaneous Activity 15000.82

*Recognized
In Aug*

NYPA Capacity market settlement as of AUG
17, 2018

Total To-Be-Paid: 15000.82
152134 Check: 15000.82

Change Due: 0.00

2 152 nscnsh? 1 31

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

Bank of America
52-153-112

Check No.	Check Date	Vendor No.
152134	8/30/2018	1150

Pay FIFTEEN THOUSAND AND 82/100*****

Check Amount
\$****15,000.82

Not Valid After 365 Days

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

[Signature]

Two signatures required over \$25,000.00

⑈00152134⑈ ⑆011201539⑆ 000080242607⑈

Date: August 17, 2018

Amount (\$): \$ 15,000.82

To: Pascoag Utility District

Street: 253 Main Street; Box 107

City, State : Pascoag, RI Zip Code: 01749

Forward Capacity Market Settlement for NYPA - (Jul-18) \$ 15,931.10

* Forward Capacity Market Stmnt NYPA-Pscog Adj 100 KW \$ (930.28)

PSCOG Share of ISO/NYPA Charges (March) 2018 \$ -

\$ 15,000.82

09/24/2018 9:52:55 am

GENERAL LEDGER JOURNAL DETAIL

Journal: 2018007530
 Description: Journal Entry
 Created Date: 09/24/2018
 Created By: pscghjr
 Status: Approved

Approved/Rejected Date: 09/24/2018
 Approved/Rejected By: pscghjr
 Module: General Ledger
 Journal Activity Journal Entry

Line	Div Account	Description	Dept	Actv	BU Project	Jrnl Code Reference	Date	Debit	Credit
1	10131.99	Cash Holding Account	0	0		0 move ISO NYPA settlement to Aug	08/31/2018	15,000.82	
2	10555.0	Purchase Power	0	0		0 move ISO NYPA settlement to Aug	08/31/2018		15,000.82
Total for Journal Number 2018007530:								15,000.82	15,000.82

09/24/2018 9:49:39 am

GENERAL LEDGER JOURNAL DETAIL

Journal : 2018007529
 Description : Journal Entry
 Created Date : 09/24/2018
 Created By : pscghjr
 Status : Approved

Approved/Rejected Date : 09/24/2018
 Approved/Rejected By : pscghjr
 Module : General Ledger
 Journal Activity : Journal Entry

Line	Div Account	Description	Dept	Actv	BU Project	Jrnl Code Reference	Date	Debit	Credit
1	1 0555.0	Purchase Power	0	0		0 ISO Nypa Settlement belongs in Aug	09/04/2018	15,000.82	
2	1 0131.99	Cash Holding Account	0	0		0 ISO Nypa Settlement belongs in Aug	09/04/2018		15,000.82
Total for Journal Number 2018007529:								15,000.82	15,000.82

**GENERAL LEDGER
TRANSACTION DETAIL**

09/24/2018 9:55:51 AM

AUG 2018 To SEP 2018

Date	Journal Description	Dept	Actv	BU Project	Mod	Jrnl Code Reference	Debit	Credit	Balance
Account: 1 0555.0 Purchase Power									
08/01/18	2018005985 Invoice	0	0	0	AP	0 iso admin chgs	7,483.00		2,121,576.07
08/01/18	2018006976 Invoice	0	0	0	AP	0 august 2018	7,483.00		2,129,059.07
08/07/18	2018006163 Cash Register	0	0	0	RG	0 Cash Register		15,004.27	2,136,542.07
08/07/18	2018006841 Journal Entry	0	0	0	GL	0 Iso/NYpa SETTLEMENT FOR JULY	15,004.27		2,121,537.80
08/31/18	2018007430 Journal Entry	0	0	0	GL	0 Project 6 Actual	38,237.85		2,136,542.07
08/31/18	2018007431 Journal Entry	0	0	0	GL	0 Surplus funds 2018/2019		2,787.02	2,174,779.92
08/31/18	2018007530 Journal Entry	0	0	0	GL	0 move ISO NYPA settlement to Aug		15,000.82	2,171,992.90
	Net Amount For AUG 2018:				35,416.01		68,208.12		2,156,992.08
09/04/18	2018006886 Cash Register	0	0	0	RG	0 Cash Register		15,000.82	2,141,991.26
09/04/18	2018006944 Invoice Void	0	0	0	AP	0 iso admin chgs		7,483.00	2,134,508.26
09/04/18	2018007529 Journal Entry	0	0	0	GL	0 ISO Nyra Settlement belongs in Aug	15,000.82		2,149,509.08
	Net Amount For SEP 2018:				-7,483.00		83,208.94		2,149,509.08
Subtotal For Account: 1 0555.0									
Grand Total Beginning Balances:								0.00	
Grand Total Transactions: 10								55,275.93	
Grand Total:								55,275.93	2,149,509.08



NY Power Authority

123 MAIN STREET
WHITE PLAINS, NY 10601

RHODE ISLAND PUBLIC UTILITIES COMMISSION

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

Attn: Harle Round
Manager, Finance & Customer Service

Your Billing Contact is:
Lorena Lowery
If you have any questions call:
914-287-4256
or 1-800-269-6972, then 718-4256
LORENA.LOWERY@NYPA.GOV

Business Partner: 3820
Contract Account: 200000622

Previous Balance \$ 7,041.87
Payment Received \$ 7,041.87
Past Due Balance \$ 0.00
Current Charges \$ 8,382.43
Late Charges \$ 0.00

TOTAL AMOUNT DUE \$ 8,382.43

Invoice Number: 6100069190
Billing Period: August 2018
Invoice Date: September 17, 2018
Payment Due: October 01, 2018

Make remittance payable to the New York Power Authority:

WIRE AND ACH FUNDS:
J.P. MORGAN CHASE BANK
ABA # 021000021
NEW YORK POWER REVENUE FUND
ACCOUNT # 008 - 030383

REGULAR MAIL:
NEW YORK POWER AUTHORITY
DEPARTMENT 116048
P.O BOX 5211
BINGHAMTON, NY 13902-5211

OVERNIGHT MAIL:
J.P. MORGAN
ATTN: NY POWER AUTHORITY BOX 116048
33 LEWIS ROAD
BINGHAMTON, NY 13905

PLEASE INDICATE YOUR CONTRACT ACCOUNT NUMBER ON YOUR REMITTANCE

SPECIAL NOTES

NEIGHBORING STATES - ISO AND TSC (0153)
ISO AND IOU CHARGES ARE FOR JULY V1 AND NOVEMBER V3.
RHODE ISLAND
EMAIL TO: hround@pud-ri.org

**NEW YORK POWER AUTHORITY
BILLING AND ADJUSTMENT STATEMENT**

Billing Period: August 2018
 Current Reading Date: August 31, 2018
 Previous Reading Date: July 31, 2018
 Hours This Period: 744

RHODE ISLAND PUBLIC UTILITIES COMMISSION
 Contract Account: 20000622
 Invoice Number: 610069190
 Service Tariff: NS-1, NS-2, NS-3
 Allocation: 700

<u>Description</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
Demand (KW)			
Firm	600	\$4.07000	\$ 2,442.00
Firm Peaking	100	\$4.07000	\$ 407.00
Subtotal			\$ 2,849.00
Energy (KWH)			
Firm Hydro	272,000	\$0.00492	\$ 1,338.24
Firm Peaking	9,000	\$0.00492	\$ 44.28
Interruptible	113,000	\$0.00492	\$ 555.96
Subtotal			\$ 1,938.48
NY Independent System Operator			
Ancillary Service			\$ 253.50
TUC Charge			\$ 3,281.22
Subtotal			\$ 3,534.72
True-up Charges/Credits			
ISO True-up Vers. 2			\$ 1.69
Subtotal			\$ 1.69
TOTAL CURRENT CHARGES			\$ 8,323.89

251000

ADJUSTMENT SUMMARY: January 2018

Energy (KWH)			
Firm Hydro	- 325,700	\$0.00492	\$ - 1,602.44
Previously Billed	325,820	\$0.00492	\$ 1,603.03
Net	120		\$ 0.59

**NEW YORK POWER AUTHORITY
BILLING AND ADJUSTMENT STATEMENT**

RHODE ISLAND PUBLIC UTILITIES COMMISSION

Contract Account: 20000622
 Invoice Number: 610069190
 Service Tariff: NS-1, NS-2, NS-3
 Allocation: 700

Billing Period: August 2018
 Current Reading Date: August 31, 2018
 Previous Reading Date: July 31, 2018
 Hours This Period: 744

<u>Description</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
Subtotal		\$	0.59
CURTAILMENT (KWH)			
Intra-Month Curtailment	- 300	\$	- 289.75
Previously Billed	180	\$	347.70
Revised		\$	57.95
Net	- 120	\$	57.95
Subtotal		\$	58.54
Total Adjustment: January 2018			\$ 58.54
TOTAL ADJUSTMENTS			\$ 58.54

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NYPA ISO Billing Statement INVER01

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

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 (248.00) MWhr	(\$1,119.54)	\$0.00	(\$1,119.54)	4	
	Forward Loss Charge 0.00	(\$1,153.63)	\$0.00	(\$1,153.63)	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	(\$2,273.17)	\$0.00	(\$2,273.17)	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	(\$128.53)	(\$0.03)	(\$128.56)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$128.53)	(\$0.03)	(\$128.56)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$74.44)	\$0.00	(\$74.44)	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	(\$89.09)	\$0.00	(\$89.09)	18	
	Black Start Service@ SSS/Billing Unit B	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
		Local Reliability Rule Black Start Service 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	.169 %			27	
	NYISO WIDE Uplift Charges	(\$14.70)	\$13.47	(\$1.22)	28	
	Residual Adjustments	\$106.97	\$0.00	\$106.97	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$2,472.96)	\$13.44	(\$2,459.51)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$2,472.96)	\$13.44	(\$2,459.51)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$2,472.96)	\$13.44	(\$2,459.51)	35	

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NYPA ISO Billing Statement INVER01

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

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 (79.00) MWhr	(\$465.08)	\$0.00	(\$465.08)	4	
	Forward Loss Charge 0.00	(\$378.78)	\$0.00	(\$378.78)	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	(\$843.86)	\$0.00	(\$843.86)	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	(\$40.92)	(\$0.01)	(\$40.93)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$40.92)	(\$0.01)	(\$40.93)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$23.72)	\$0.00	(\$23.72)	16	
	Regulation and Frequency Response Service	\$0.00	\$0.00	\$0.00	18	
	Energy Imbalance Service Charge	\$0.00	\$0.00	\$0.00	17	
	Operating Reserve Service Charge	(\$28.28)	\$0.00	(\$28.28)	18	
	Black Start Service@ SSS/Billing Unit B	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
		Local Reliability Rule Black Start Service 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	\$0.00	\$0.00	\$0.00	23	
	Ramapo Phase Angle Regulator	\$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	.05384 %			27
	NYISO WIDE Uplift Charges	(\$4.84)	\$4.29	(\$0.55)	28	
	Residual Adjustments	\$34.18	\$0.00	\$34.18	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$907.44)	\$4.28	(\$903.15)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$907.44)	\$4.28	(\$903.15)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$907.44)	\$4.28	(\$903.15)	35	

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NYPA ISO Billing Statement INVER01

For the Month Beginning July 01, 2018 and Ending July 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	(\$107.61)	\$0.00	(\$107.61)	4	
	Forward Loss Charge 0.00	(\$56.58)	\$0.00	(\$56.58)	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	(\$164.19)	\$0.00	(\$164.19)	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	(\$4.66)	(\$0.00)	(\$4.66)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$4.66)	(\$0.00)	(\$4.66)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$2.71)	\$0.00	(\$2.71)	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	(\$3.31)	\$0.00	(\$3.31)	18	
	Black Start Service@ SSS/Billing Unit B	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
		Local Reliability Rule Black Start Service 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 Ramapo Phase Angle Regulator PJM Transmission Overuse	These are based on existing agreements between the NY Control Area and other control areas	\$0.00	\$0.00	\$0.00	23	
		\$0.00	\$0.00	\$0.00	24	
		\$0.00	\$0.00	\$0.00	25	
	Total Miscellaneous Charges	\$0.00	\$0.00	\$0.00	26	
	NIA TO RI PEAK Portion	.00613 %			27	
	NYISO WIDE Uplift Charges	(\$1.21)	\$0.49	(\$0.72)	28	
	Residual Adjustments	\$3.54	\$0.00	\$3.54	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$172.64)	\$0.49	(\$172.06)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$172.64)	\$0.49	(\$172.06)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$172.64)	\$0.49	(\$172.06)	35	

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NYPA ISO Billing Statement INVER03

For the Month Beginning November 01, 2017 and Ending November 30, 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 (279.00) MWhr	(\$853.60)	\$0.00	(\$853.50)	4	
	Forward Loss Charge 0.00	(\$1,203.61)	\$0.00	(\$1,203.61)	6	
	Balancing Congestion Charge 0.00 MWhr	\$0.00	\$0.00	\$0.00	8	
	Balancing Loss Charge 0.00	\$0.00	\$0.00	\$0.00	7	
	Total Transmission Use Settlement	(\$2,057.11)	\$0.00	(\$2,057.11)	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	(\$139.62)	(\$1.23)	(\$140.85)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$139.62)	(\$1.23)	(\$140.85)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$74.90)	\$0.00	(\$74.90)	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	(\$109.16)	\$0.00	(\$109.16)	18	
	Black Start Service@ SSS/Billing Unit B	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
	Local Reliability Rule Black Start Service 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 the NY Control Area and other control areas	\$0.00	\$0.00	\$0.00	23
	Ramapo Phase Angle Regulator		\$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	.16087 %			27	
	NYISO WIDE Uplift Charges	(\$13.92)	(\$5.43)	(\$19.35)	28	
	Residual Adjustments	\$139.61	\$0.00	\$139.61	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$2,265.10)	(\$6.66)	(\$2,261.76)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$2,265.10)	(\$6.66)	(\$2,261.76)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$2,265.10)	(\$6.66)	(\$2,261.76)	35	

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NYPA ISO Billing Statement INVER03

For the Month Beginning November 01, 2017 and Ending November 30, 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	(\$507.91)	\$0.00	(\$507.91)	4	
	Forward Loss Charge 0.00	(\$638.84)	\$0.00	(\$638.84)	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	(\$1,146.75)	\$0.00	(\$1,146.75)	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	(\$66.12)	(\$0.58)	(\$66.70)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$66.12)	(\$0.58)	(\$66.70)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$35.44)	\$0.00	(\$35.44)	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	(\$51.81)	\$0.00	(\$51.81)	18	
	Black Start Service@ SSS/Billing Unit B	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
	Local Reliability Rule Black Start Service 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	\$0.00	\$0.00	\$0.00	23	
	Ramapo Phase Angle Regulator	\$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	07618 %			27	
	NYISO WIDE Uplift Charges	(\$6.18)	(\$2.57)	(\$8.75)	28	
	Residual Adjustments	\$65.79	\$0.00	\$65.79	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$1,240.51)	(\$3.15)	(\$1,243.66)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$1,240.51)	(\$3.15)	(\$1,243.66)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$1,240.51)	(\$3.15)	(\$1,243.66)	35	

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NYPA ISO Billing Statement INVER03

For the Month Beginning November 01, 2017 and Ending November 30, 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	(\$29.91)	\$0.00	(\$29.91)	4	
	Forward Loss Charge 0.00	(\$48.68)	\$0.00	(\$48.68)	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	(\$78.59)	\$0.00	(\$78.59)	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	(\$4.49)	(\$0.04)	(\$4.53)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$4.49)	(\$0.04)	(\$4.53)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$2.41)	\$0.00	(\$2.41)	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	(\$3.34)	\$0.00	(\$3.34)	18	
	Black Start Service@ SSS/Billing Unit B	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
		Local Reliability Rule Black Start Service 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 the NY Control Area and other control areas	\$0.00	\$0.00	\$0.00	23
	Ramapo Phase Angle Regulator		\$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	.00519 %			27	
	NYISO WIDE Uplift Charges	(\$0.26)	(\$0.18)	(\$0.44)	28	
	Residual Adjustments	\$4.83	\$0.00	\$4.83	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$84.45)	(\$0.21)	(\$84.67)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$84.45)	(\$0.21)	(\$84.67)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$84.45)	(\$0.21)	(\$84.67)	35	



NY Power Authority

123 MAIN STREET
WHITE PLAINS, NY 10601

RHODE ISLAND PUBLIC UTILITIES COMMISSION

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

Attn: Harle Round
Manager, Finance & Customer Service

Your Billing Contact is:
Lorena Lowery
If you have any questions call:
914-287-4256
or 1-800-269-6972, then 718-4256
LORENA.LOWERY@NYPA.GOV

Invoice Number: 6100069191

Billing Period: August 2018
Invoice Date: September 17, 2018
Payment Due: October 01, 2018

Business Partner: 3820
Contract Account: 200000623

Previous Balance \$ 18,122.99
Payment Received \$ 18,122.99
Past Due Balance \$ 0.00
Current Charges \$ 12,371.10
Late Charges \$ 0.00

TOTAL AMOUNT DUE \$ 12,371.10

St Lawrence

Make remittance payable to the New York Power Authority:

WIRE AND ACH FUNDS:

J.P. MORGAN CHASE BANK
ABA # 021000021
NEW YORK POWER REVENUE FUND
ACCOUNT # 008 - 030383

REGULAR MAIL:

NEW YORK POWER AUTHORITY
DEPARTMENT 116048
P.O BOX 5211
BINGHAMTON, NY 13902-5211

OVERNIGHT MAIL:

J.P. MORGAN
ATTN: NY POWER AUTHORITY BOX 116048
33 LEWIS ROAD
BINGHAMTON, NY 13905

PLEASE INDICATE YOUR CONTRACT ACCOUNT NUMBER ON YOUR REMITTANCE

SPECIAL NOTES

NEIGHBORING STATES - ISO AND TSC (0153)
ISO AND IOU CHARGES ARE FOR JULY '11 AND NOVEMBER '13.
RHODE ISLAND
EMAIL TO: hround@pud-ri.org

**NEW YORK POWER AUTHORITY
BILLING AND ADJUSTMENT STATEMENT**

Billing Period: August 2018
 Current Reading Date: August 31, 2018
 Previous Reading Date: July 31, 2018
 Hours This Period: 744

RHODE ISLAND PUBLIC UTILITIES COMMISSION
 Contract Account: 200000623
 Invoice Number: 6100069191
 Service Tariff: SL-1, SL-2
 Allocation: 1,000

<u>Description</u>	<u>Quantity</u>	<u>Rate</u>	<u>Amount</u>
Demand (KW)			
Firm	1,000	\$4.07000	\$ 4,070.00
Subtotal			\$ 4,070.00
Energy (KWH)			
Firm Hydro	485,000	\$0.00492	\$ 2,386.20
Interruptible	174,000	\$0.00492	\$ 856.08
Subtotal	<u>659,000</u>		\$ 3,242.28
NY Independent System Operator			
Ancillary Service			\$ 490.02
TUC Charge			\$ 4,565.80
Subtotal			\$ 5,055.82
True-up Charges/Credits			
ISO True-up Vers. 2			\$ 3.00
Subtotal			\$ 3.00
TOTAL CURRENT CHARGES			\$ 12,371.10

NYPA ISO Billing Statement: INVER01

For the Month Beginning July 01, 2018 and Ending July 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 (509.00) MWhr	(\$838.20)	\$0.00	(\$838.20)	4	
	Forward Loss Charge 0.00	(\$2,401.48)	\$0.00	(\$2,401.48)	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	(\$3,239.68)	\$0.00	(\$3,239.68)	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	(\$263.75)	(\$0.06)	(\$263.81)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$263.75)	(\$0.06)	(\$263.81)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$152.77)	\$0.00	(\$152.77)	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	(\$183.00)	\$0.00	(\$183.00)	18	
	Black Start Service@ SSS/Billing Unit B	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
		Local Reliability Rule Black Start Service 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 the NY Control Area and other control areas	\$0.00	\$0.00	\$0.00	23
	Ramapo Phase Angle Regulator		\$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	.34686 %			27	
	NYISO WIDE Uplift Charges	(\$29.32)	\$27.65	(\$1.67)	28	
	Residual Adjustments	\$219.86	\$0.00	\$219.86	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$3,648.66)	\$27.59	(\$3,621.07)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$3,648.66)	\$27.59	(\$3,621.07)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$3,648.66)	\$27.59	(\$3,621.07)	35	

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NYPA ISO Billing Statement INVER01

For the Month Beginning July 01, 2018 and Ending July 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 (145.00) MWhr	(\$474.19)	\$0.00	(\$474.19)	4	
	Forward Loss Charge 0.00	(\$851.93)	\$0.00	(\$851.93)	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	(\$1,326.12)	\$0.00	(\$1,326.12)	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	(\$75.16)	(\$0.02)	(\$75.17)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$75.16)	(\$0.02)	(\$75.17)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$43.53)	\$0.00	(\$43.53)	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	(\$52.11)	\$0.00	(\$52.11)	18	
	Black Start Service@ SSS/Billing Unit B	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
	Local Reliability Rule Black Start Service 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 Ramapo Phase Angle Regulator PJM Transmission Overuse	These are based on existing agreements between the NY Control Area and other control areas	\$0.00	\$0.00	\$0.00	23	
		\$0.00	\$0.00	\$0.00	24	
		\$0.00	\$0.00	\$0.00	25	
	Total Miscellaneous Charges	\$0.00	\$0.00	\$0.00	28	
	STL TO RI INTER Portion	.09881 %			27	
	NYISO WIDE Uplift Charges	(\$8.31)	\$7.86	(\$0.44)	28	
	Residual Adjustments	\$62.62	\$0.00	\$62.62	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$1,442.62)	\$7.86	(\$1,434.76)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$1,442.62)	\$7.86	(\$1,434.76)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$1,442.62)	\$7.86	(\$1,434.76)	35	

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NYPA ISO Billing Statement INVER03

For the Month Beginning November 01, 2017 and Ending November 30, 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 (441.00) MWhr	(\$1,840.88)	\$0.00	(\$1,840.88)	4
	Forward Loss Charge 0.00	(\$1,648.71)	\$0.00	(\$1,648.71)	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	(\$3,489.59)	\$0.00	(\$3,489.59)	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 Black Start Service@ SSS/Billing Unit B	Scheduling, System Control Dispatch Service	(\$221.25)	(\$1.94)	(\$223.19)	11
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12
	Total S, SC and D Charge	(\$221.25)	(\$1.94)	(\$223.19)	13
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14
	Voltage Support Service	(\$118.56)	\$0.00	(\$118.56)	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	(\$176.67)	\$0.00	(\$176.67)	18
	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
	Local Reliability Rule Black Start Service 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 Ramapo Phase Angle Regulator PJM Transmission Overuse	These are based on existing agreements between the NY Control Area and other control areas.	\$0.00	\$0.00	\$0.00	23
		\$0.00	\$0.00	\$0.00	24
		\$0.00	\$0.00	\$0.00	25
	Total Miscellaneous Charges	\$0.00	\$0.00	\$0.00	26
	STL TO RI FIRM Portion	.25443 %			27
	NYISO WIDE Uplift Charges	(\$19.08)	(\$8.58)	(\$27.67)	28
	Residual Adjustments	\$215.95	\$0.00	\$215.95	29
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30
Monthly Transmission Customer Payment/(Charge)		(\$3,809.19)	(\$10.52)	(\$3,819.72)	31
Adjustments		0	\$0.00	\$0.00	32
Net Transmission Customer Payment/(Charge)		(\$3,809.19)	(\$10.52)	(\$3,819.72)	33
TCC Credit		\$0.00	\$0.00	\$0.00	34
Total		(\$3,809.19)	(\$10.52)	(\$3,819.72)	35

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NYPA ISO Billing Statement INVER03

For the Month Beginning November 01, 2017 and Ending November 30, 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 (371.00) MWhr	(\$1,451.34)	\$0.00	(\$1,451.34)	4	
	Forward Loss Charge 0.00	(\$1,469.85)	\$0.00	(\$1,469.85)	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	(\$2,921.19)	\$0.00	(\$2,921.19)	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	(\$185.83)	(\$1.63)	(\$187.46)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$185.83)	(\$1.63)	(\$187.46)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$99.66)	\$0.00	(\$99.66)	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	(\$146.32)	\$0.00	(\$146.32)	18	
	Black Start Service@ SSS/Billing Unit B	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
	Local Reliability Rule Black Start Service 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 the NY Control Area and other control areas	\$0.00	\$0.00	\$0.00	23
	Ramapo Phase Angle Regulator		\$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	.21404 %			27	
	NYISO WIDE Uplift Charges	(\$17.77)	(\$7.22)	(\$24.99)	28	
	Residual Adjustments	\$184.22	\$0.00	\$184.22	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$3,186.54)	(\$8.85)	(\$3,195.39)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$3,186.54)	(\$8.85)	(\$3,195.39)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$3,186.54)	(\$8.85)	(\$3,195.39)	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: 800277790
Invoice Date: 09/01/2018
Customer Number: 200000175
Payment Terms: Net 30
Due Date: 10/01/2018
Sales Order #: 5410 / 640011766
Reference #: 00010-009696

Line	Description	Quantity	UOM	Unit Amt	Net Amount
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DIRECT ASSIGNMENT FACILITIES CHARGES

If you have any questions about this invoice, please contact CHANJUAN LI

For Period : August 01, 2018 - August 31, 2018

60	DAF Direct Assignment Facility Charges	1.000	EA	5,991.00	\$5,991.00
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Sub Total :

Total Taxes :

5,991.00
0.00

TOTAL AMOUNT DUE:

\$5,991.00

Received:	SEP 10 2018
Approved:	<i>Hjn</i>
GL Account:	565.00 - Aug
Vendor #:	
Invoice #:	

PLEASE DETACH AND RETURN THIS STUB IN THE ENVELOPE PROVIDED

Make checks payable to National Grid

Mail Payment to:

Invoice No: 800277790
Invoice Date: 09/01/2018
Customer Number: 200000175
Due Date: 10/01/2018

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

AMOUNT DUE: \$5,991.00

Enclosed: _____

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

DATE 25-Sep-18

INVOICE # 800281177
 NETWORK TRANSMISSION SERVICE
 CLAD10-25 16-19.053
 August-18

COINCIDENT NETWORK LOAD - PTF				12,235 KW	
COINCIDENT NETWORK LOAD - NON-PTF				12,235 KW	
LOAD RATIO SHARE - PTF				0.0016906	
LOAD RATIO SHARE - NON-PTF				0.0018712	
TOTAL MONTHLY TRANSMISSION SYSTEM EXPENSE - PTF				-\$6,378,764.34	
TOTAL MONTHLY TRANSMISSION SYSTEM EXPENSE - NON-PTF				\$12,085,400.89	

MONTHLY DEMAND CHARGE						
	PTF	-56,378,764.34	X	0.0016906	=	-\$10,783.87
	NON-PTF	\$12,085,400.89	X	0.0018712	=	\$22,614.38

TRANSFORMER SURCHARGE						
		11.995	X	0.37	=	\$4,438.15

METER SURCHARGE						
		1.00	X	\$65.28	=	\$65.28
	ADJUSTMENT					\$0.00
	LOAD DISPATCH CHG					-\$178.82
	INTEREST REFUND					\$0.00
	LOAD RATIO REBILL ADJ.					\$0.00
	TOTAL TRANSMISSION CHARGE					\$16,155.32
	Total Bill					\$16,155.32

PEAK LOAD FOR BILLING MONTH: 08/29/2018 6:00:00 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 29803
 New York, NY 10087-9803

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

New England Power Company
Network Transmission Revenue Requirement

ACTUAL for the month of August 2018

Monthly Demand Charge (PTF):

PTF Transmission Rate	\$34,728,474
Less: NEPOOL RNS revenue received	-41,107,238
Monthly Demand Charge (PTF)	<u>-6,378,764</u>

Monthly Non-PTF Demand Charge:

A Return and Associated Income Taxes (see detail below)	\$14,340,447
B Transmission Depreciation Expense	5,191,732
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	4,039,337
G Transmission Operation and Maintenance Expense	8,459,236
H Transmission-Related Administrative and General Expense	0
I Transmission-Related Integrated Facilities Credit	18,523,234
J Transmission Revenue Credit	-38,445,212
K Distribution-Related Integrated Facilities Credit	0
L Billing Adjustments	0
M Reactive Power Expense	0
N Bad Debt Expense	0

Monthly Non-PTF Demand Charge	<u>\$12,085,401</u>
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Detail - Return and Associated Income Taxes:

Transmission Investment Base	\$1,633,928,672
Weighted cost of capital	10.532% *
Return and Associated Income Taxes - Annual	\$172,085,368
Return and Associated Income Taxes - Month	\$14,340,447

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



Invoice

Date	Invoice #
8/31/2018	18362

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

Terms	Due Date
Net 15	9/15/2018

Description	Amount
August 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
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



Invoice

Date	Invoice #
9/12/2018	18290

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

Terms	Due Date
	9/18/2018

Quantity in MWH	Description	Amount
August 2018		
	- Energy Transactions -	
81.144	Brown Bear II Hydro Purchase	4,052.36
50.782	Canton Mountain Wind Purchase	5,103.63
372.000	NextEra Energy Mktg Purchase	14,508.00
3,297.510	PSEG Energy Resources Purchase	150,861.08
	PSEG Energy Resources Financial Settlements	-2,115.17
76.854	Spruce Mountain Wind Purchase	7,627.71
496.000	NextEra Energy Mktg Option Purchase	18,989.76
	NextEra Energy Mktg Option Monthly Fixed Costs	6,960.00
<u>4374.290</u>		
	- Capacity Transactions -	
	NextEra Energy Mktg UCAP Purchase	2,510.00
	NextEra Energy Mktg UCAP Sale	-9,541.00
	Jul 18 Hydro Quebec HQICC Payment	-2,226.61
	Jul 18 Spruce Mountain Wind FCM Credit	-585.50
	- Transmission Transactions -	
	Jul 18 Hydro Quebec Use Right Payment	-851.88
	- Renewable Energy Certificates -	
	Q1-2018 Canton Wind Class I RECs - Qty of 450	-2,250.00
	Q1-2018 Spruce Mtn Class I RECs - Qty of 498	-2,490.00
Total		\$190,552.38

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

Jul-18

HQICC Payment

	MW	26.2097508
	NRCP \$	9.3501726
	Total GMP Revenue \$\$	\$ 245,065.69
100%	Total Rev \$\$	\$ 245,065.69
	GMP Payment Date	8/20/2018
	GMP Payment \$\$	\$ <u>245,065.69</u>

Participant	MW	Revenue
Pascoag Fire District - Electric Dept.	0.23813600	\$ 2,226.61
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

Jul-18

Use Right Payment

	# of Hours	744
	MW	30
	MWH	24621
	Calendar Price	5.079450977
	Total GMP Revenue \$\$	125061.16
80%	Total Rev \$\$ \$	100,048.93
	GMP Payment Date	8/13/2018
	GMP Payment \$\$ \$	<u>100,048.93</u>

75%	Total Participant Rev \$\$ \$	93,795.89
5%	Net ENE Fee \$	6,253.03

Participant	Pro - Rated Firm MW	Revenue
Pascoag Fire District - Electric Dept.	0.272468169	\$ 851.88

Total \$ 851.88

Vendor Name Pascoag Utility District

Invoice Description Q1-2018 REC Transactions

Invoice Breakdown

<u>Quantity</u>	<u>Project</u>	<u>Amount</u>	<u>Account Code & Description</u>
	<u>Class I RECs</u>		
0	BROWN BEAR	\$0.00	
498	SPRUCE	\$2,490.00	
0	SADDLEBACK	\$0.00	
450	CANTON	\$2,250.00	
	<u>Class II RECs</u>		

\$ 4,740.00



Invoice

Date	Invoice #
9/17/2018	18324

- 603.47

215,333.45

Weekly Monthly Transmission \$111,803.50

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

Terms	Due Date
Net 1	9/18/2018

Quantity in MWH	Description	Amount
August 2018		
-22.424	ISO Invoice # 296510 Activity 8/08 - 8/12 (Apply Credit Memo # 18325)	-1,856.44
4.573	ISO Invoice # 296777 Activity 8/13 - 8/15 (Apply Credit Memo # 18325)	167.69
-18.201	ISO Invoice # 297046 Activity 8/16 - 8/19 (Apply Credit Memo # 18339)	-847.90
1.645	ISO Invoice # 297313 Activity 8/20 - 8/22 (Apply Credit Memo # 18339)	132.25
-25.234	ISO Invoice # 297579 Activity 8/23 - 8/26 (Apply Credit Memo # 18382)	-840.21
-29.532	ISO Invoice # 297852 Activity 8/27 - 8/29 (Apply Credit Memo # 18382)	-1,549.00
-8.362	ISO Invoice # 298103 Activity 8/30	113.13
3.201	ISO Invoice # 298380 Activity 8/31	608.60
	ISO Invoice # 298918 August Monthly Charges	327,136.95
-61.387	ISO Invoice # 298380 Activity 9/01 - 9/05	5,131.38
-49.493	ISO Invoice # 298649 Activity 9/06 - 9/09	-1,520.76
-22.416	ISO Invoice # 298649 Activity 9/10 - 9/11	-142.21
-227630		
Total		\$326,533.48

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

Harle Round

From: Accounting <accounting@ene.org>
Sent: Monday, September 17, 2018 12:57 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice - MONTHLY
Attachments: PUD ISO Invoice 9-12-18.xlsx; PUD ISO Invoice 9-17-18.xlsx; PUD 18324 ISO 9-17-18.pdf

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
09/12/18	298649	(\$1,520.76)	09/18/18	9/06 - 9/09	(49.493)

Total Invoice: (\$1,520.76)

09/17/18	298918	\$327,136.95	09/19/18	Monthly Charges - August	
09/17/18	298918	(\$142.21)	09/19/18	9/10 - 9/11	(22.416)

Total Invoice: \$326,994.74

Attached is the ENE invoice for last month:

09/17/18	18324	\$326,533.48	09/17/18
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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



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	298918
Document Date	9/17/2018
Due Date	9/19/2018
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	-\$326,994.74

Energy Activity Start Date: 9/10/2018
Energy Activity End Date: 9/11/2018

Customer Id 116

Net Amount Row Labels	Column Labels		
	9/30/2018	8/31/2018	7/31/2018
DA / RT Energy	\$712.64		\$156.84
Day-Ahead Energy	\$138.16		\$0.00
Real-Time Energy	\$574.48		\$156.84
Ancillary Charges	(\$570.43)		\$3.95
Day-Ahead NCPC	(\$14.86)		\$0.20
Real-Time NCPC	(\$39.37)		\$1.65
Regulation	(\$166.91)		\$0.67
Reserve Market	(\$349.29)		\$0.80
Transitional Demand Response			\$0.63
ARR Revenues		\$620.01	(\$0.44)
ARR Long Term Off-Peak Alloc		\$118.72	(\$0.05)
ARR Long Term On-Peak Alloc		\$156.98	(\$0.07)
ARR Monthly Off-Peak Alloc		\$119.16	(\$0.14)
ARR Monthly On-Peak Alloc		\$225.17	(\$0.18)
FCM		(\$206,848.43)	(\$4.95)
Forfeited Financial Assurance		\$0.12	\$0.00
Forward Capacity Market Charge		(\$206,848.55)	(\$0.08)
FCM Import Penalty Credit			(\$4.87)
Schedule Charges		(\$841.09)	(\$8,419.34)
ISO Schedule 2			(\$5,459.37)
ISO Schedule 3 Peak			(\$2,884.67)
ISO Schedule 5 NESCOE			(\$75.30)
Participant Expenses		(\$841.09)	
OATT Charges			(\$111,803.50)
ISO Schedule 1 RNS			(\$2,078.35)
ISO Schedule 1 TOUT			\$40.49
OATT Schedule 1 RNS			(\$1,537.68)
OATT Schedule 9 RNS			(\$106,931.53)
OATT-Schedule 16 Blackstart			(\$552.20)
OATT-Schedule 2 VAR			(\$744.23)
Grand Total	\$142.21	(\$207,069.51)	(\$120,067.44)

(\$327,136.95)

MW

(22.416)

BL INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	298649
Document Date	9/12/2018
Due Date	9/18/2018
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	\$1,520.76

Energy Activity Start Date: 9/6/2018
Energy Activity End Date: 9/9/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	9/30/2018
DA / RT Energy	\$1,949.74
Day-Ahead Energy	\$171.15
Real-Time Energy	\$1,778.59
Ancillary Charges	(\$428.98)
Day-Ahead NCPC	(\$11.56)
Real-Time NCPC	(\$49.10)
Regulation	(\$116.70)
Reserve Market	(\$251.62)
Grand Total	\$1,520.76

MW (49.493)



Credit Memo

Date	Credit No.
8/20/2018	18325

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
	August 2018	
-22.424	ISO Invoice # 296510 Activity 8/08 - 8/12	-1,856.44
4.573	ISO Invoice # 296777 Activity 8/13 - 8/15	167.69

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

Total	\$-1,688.75
Invoices	\$0.00
Balance Credit	\$-1,688.75

Harle Round

From: Accounting <accounting@ene.org>
Sent: Monday, August 20, 2018 12:34 PM
To: Cathleen L Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice
Attachments: PUD ISO Invoice 8-15-18.xlsx; PUD ISO Invoice 8-20-18.xlsx; PUD 18325 CM ISO 8-20-18.pdf

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
08/15/18	296510	(\$1,856.44)	08/21/18	8/08 - 8/12	(22.424)

Total Invoice: (\$1,856.44)

08/20/18	296777	\$167.69	08/22/18	8/13 - 8/15	4.573

Total Invoice: \$167.69

Attached is the ENE credit memo for these ISO invoices:

Credit Memo #	18325	(\$1,688.75)
----------------------	--------------	---------------------

Please let me know if you have any questions.

Thank you,

Sally LeBlanc
Senior Accountant



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	296510
Document Date	8/15/2018
Due Date	8/21/2018
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	\$1,856.44

Energy Activity Start Date: 8/8/2018
 Energy Activity End Date: 8/12/2018

Customer Id	116
-------------	-----

Net Amount	Column Labels
Row Labels	8/31/2018
DA / RT Energy	\$2,315.18
Day-Ahead Energy	(\$406.67)
Real-Time Energy	\$2,721.85
Ancillary Charges	(\$458.74)
Day-Ahead NCPC	(\$4.08)
Real-Time NCPC	(\$63.39)
Regulation	(\$87.06)
Reserve Market	(\$304.21)
Grand Total	\$1,856.44

MW (22.424)

Harle Round

From: Accounting <accounting@ene.org>
Sent: Monday, August 20, 2018 12:34 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice
Attachments: PUD ISO Invoice 8-15-18.xlsx; PUD ISO Invoice 8-20-18.xlsx; PUD 18325 CM ISO 8-20-18.pdf

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
08/15/18	296510	(\$1,856.44)	08/21/18	8/08 - 8/12	(22.424)

Total Invoice: (\$1,856.44)

08/20/18	296777	\$167.69	08/22/18	8/13 - 8/15	4.573

Total Invoice: \$167.69

Attached is the ENE credit memo for these ISO invoices:

Credit Memo #	18325	(\$1,688.75)
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Please let me know if you have any questions.

Thank you,

Sally LeBlanc
Senior Accountant



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

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



Credit Memo

Date	Credit No.
8/27/2018	18339

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
	August 2018	
-18.201	ISO Invoice # 297046 Activity 8/16 - 8/19	-847.90
1.645	ISO Invoice # 297313 Activity 8/20 - 8/22	132.25

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

Total	\$-715.65
Invoices	\$0.00
Balance Credit	\$-715.65

Harle Round

From: Accounting <accounting@ene.org>
Sent: Monday, August 27, 2018 2:04 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice
Attachments: PUD ISO Invoice 8-22-18.xlsx; PUD ISO Invoice 8-27-18.xlsx; PUD 18339 CM ISO 8-27-18.pdf

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
08/22/18	297046	(\$847.90)	08/28/18	8/16 - 8/19	(18.201)

Total Invoice: (\$847.90)

08/27/18	297313	\$132.25	08/29/18	8/20 - 8/22	1.645

Total Invoice: \$132.25

Attached is the ENE credit memo for these ISO invoices:

Credit Memo #	18339	(\$715.65)
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Please let me know if you have any questions.

Thank you,

Sally LeBlanc
Senior Accountant



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	297046
Document Date	8/22/2018
Due Date	8/28/2018
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	\$847.90

Energy Activity Start Date: 8/16/2018
Energy Activity End Date: 8/19/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	8/31/2018
DA / RT Energy	\$1,071.77
Day-Ahead Energy	(\$526.70)
Real-Time Energy	\$1,598.47
Ancillary Charges	(\$223.87)
Day-Ahead NCPC	(\$5.62)
Real-Time NCPC	(\$7.22)
Regulation	(\$47.20)
Reserve Market	(\$163.83)
Grand Total	\$847.90

MW (18.201)

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	297313
Document Date	8/27/2018
Due Date	8/29/2018
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	-\$132.25

Energy Activity Start Date: 8/20/2018
Energy Activity End Date: 8/22/2018

Customer Id	116
-------------	-----

Net Amount Row Labels	Column Labels 8/31/2018
DA / RT Energy	\$314.12
Day-Ahead Energy	(\$417.96)
Real-Time Energy	\$732.08
Ancillary Charges	(\$446.37)
Day-Ahead NCPC	(\$63.52)
Real-Time NCPC	(\$19.57)
Regulation	(\$116.90)
Reserve Market	(\$246.38)
Grand Total	(\$132.25)

MW 1.645

Harle Round

From: Accounting <accounting@ene.org>
Sent: Monday, September 10, 2018 1:17 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice
Attachments: PUD ISO Invoice 9-05-18.xlsx; PUD ISO Invoice 9-10-18.xlsx

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
09/05/18	298103	\$113.13	09/07/18	8/30	(8.362)

Total Invoice: \$113.13

09/10/18	298380	\$608.60	09/12/18	8/31	3.201
09/10/18	298380	\$5,131.38	09/12/18	9/01 - 905	(61.387)

Total Invoice: \$5,739.98

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



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	298103
Document Date	9/5/2018
Due Date	9/7/2018
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	-\$113.13

Energy Activity Start Date: 8/30/2018
Energy Activity End Date: 8/30/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	8/31/2018
DA / RT Energy	\$561.63
Day-Ahead Energy	(\$486.75)
Real-Time Energy	\$1,048.38
Ancillary Charges	(\$674.76)
Day-Ahead NCPC	(\$2.92)
Real-Time NCPC	(\$96.37)
Regulation	(\$458.66)
Reserve Market	(\$116.81)
Grand Total	(\$113.13)

MW (8.362)

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	298380
Document Date	9/10/2018
Due Date	9/12/2018
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	-\$5,739.98

Energy Activity Start Date: 9/1/2018 8/31/2018
Energy Activity End Date: 9/5/2018 8/31/2018

Customer Id 116

Net Amount Row Labels	Column Labels	
	9/30/2018	8/31/2018
DA / RT Energy	\$1,131.52	(\$1.42)
Day-Ahead Energy	\$3,719.98	(\$491.29)
Real-Time Energy	(\$2,588.46)	\$489.87
Ancillary Charges	(\$6,262.90)	(\$607.18)
Day-Ahead NCPC	(\$3.01)	(\$5.38)
Real-Time NCPC	(\$882.58)	(\$86.33)
Regulation	(\$673.32)	(\$228.31)
Reserve Market	(\$4,703.99)	(\$287.16)
Grand Total	(\$5,131.38)	(\$608.60)

MW (61.387) 3.201

Harle Round

From: Accounting <accounting@ene.org>
Sent: Tuesday, September 4, 2018 2:38 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice
Attachments: PUD ISO Invoice 8-29-18.xlsx; PUD ISO Invoice 9-4-18.xlsx; PUD 18382 CM ISO 9-4-18.pdf

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
08/29/18	297579	(\$840.21)	09/05/18	8/23 - 8/26	(25.234)

Total Invoice: (\$840.21)

09/04/18	297852	(\$1,549.00)	09/10/18	8/27 - 8/29	(29.532)

Total Invoice: (\$1,549.00)

Attached is the ENE credit memo for these ISO invoices:

Credit Memo #	18382	(\$2,389.21)
----------------------	--------------	---------------------

Please let me know if you have any questions.

Thank you,

Sally LeBlanc
Senior Accountant



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	297579
Document Date	8/29/2018
Due Date	9/5/2018
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	\$840.21

Energy Activity Start Date: 8/23/2018
Energy Activity End Date: 8/26/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	8/31/2018
DA / RT Energy	\$1,059.15
Day-Ahead Energy	(\$267.81)
Real-Time Energy	\$1,326.96
Ancillary Charges	(\$218.94)
Day-Ahead NCPC	(\$1.38)
Real-Time NCPC	(\$16.60)
Regulation	(\$40.90)
Reserve Market	(\$160.06)
Grand Total	\$840.21

MW (25.234)

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	297852
Document Date	9/4/2018
Due Date	9/10/2018
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	\$1,549.00

Energy Activity Start Date: 8/27/2018
Energy Activity End Date: 8/29/2018

Customer Id	116
-------------	-----

Net Amount Row Labels	Column Labels 8/31/2018
DA / RT Energy	\$2,135.61
Day-Ahead Energy	\$2,210.80
Real-Time Energy	(\$75.19)
Ancillary Charges	(\$586.61)
Day-Ahead NCPC	(\$7.37)
Real-Time NCPC	(\$94.40)
Regulation	(\$184.84)
Reserve Market	(\$300.00)
Grand Total	\$1,549.00

MW (29.532)



Credit Memo

Date	Credit No.
9/4/2018	18382

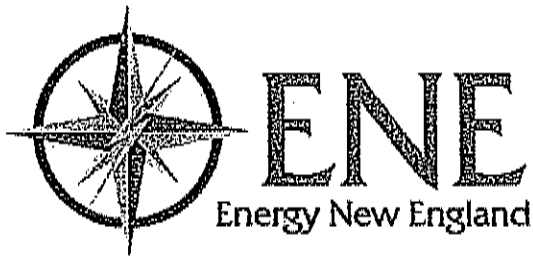
Customer
Pascoag Utility District Attn: Michael Kirkwood P.O. Box 107 253 Main Street Pascoag, RI 02859

P.O. No.	Project

Quantity in MWH	Description	Amount
	August 2018	
-25.234	ISO Invoice # 297579 Activity 8/23 - 8/26	-840.21
-29.532	ISO Invoice # 297852 Activity 8/27 - 8/29	-1,549.00

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

Total	\$-2,389.21
Invoices	\$0.00
Balance Credit	\$-2,389.21



Invoice

Date	Invoice #
9/26/2018	18496

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

Terms	Due Date
Net 15	10/11/2018

Description	Amount
Reimbursement for Constant Energy Capital Inv# PASC-10: Transmission 07/2018 <i>565.0</i>	8,988.48
Reimbursement for Constant Energy Capital Inv# PASC-10: Energy 08/2018 <i>555.0</i>	4,644.67
<i>Kwh = 32,598</i>	
Total	
	\$13,633.15

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

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-Sep-18
 Invoice #: PASC-10
 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)
7/5/2018 HE 18	July 2018	9.33470	1069.90	\$ 9,987.19	90%	\$ 8,988.48
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:	8/1/2018 to 8/31/2018				\$ 4,644.67
Energy Service Fee Rebate						\$ -
ISO-NE Program Service Fee Rebate						\$ -
Total Amount Due						\$ 13,633.15

565.0

555

⁽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
 Portland, ME 04101
 Tel: 207-494-5009
 Email: billing@constantenergycap.com

Energy Charge Detail: August 1, 2018 thru August 31, 2018

Timestamp	Hourly LMP (\$/MWh)	Generator Output (kWh)	Energy Charge (\$)
8/1/2018 1:00	21.44	0 \$	-
8/1/2018 2:00	22.41	0 \$	-
8/1/2018 3:00	22.4	0 \$	-
8/1/2018 4:00	21.24	0 \$	-
8/1/2018 5:00	21.07	0 \$	-
8/1/2018 6:00	22.17	0 \$	-
8/1/2018 7:00	24.47	0 \$	-
8/1/2018 8:00	24.25	0 \$	-
8/1/2018 9:00	31.93	0 \$	-
8/1/2018 10:00	32.25	0 \$	-
8/1/2018 11:00	33.79	0 \$	-
8/1/2018 12:00	28.04	0 \$	-
8/1/2018 13:00	27.39	0 \$	-
8/1/2018 14:00	35.8	0 \$	-
8/1/2018 15:00	28.65	0 \$	-
8/1/2018 16:00	28.11	0 \$	-
8/1/2018 17:00	36.51	0 \$	-
8/1/2018 18:00	39.7	0 \$	-
8/1/2018 19:00	39.08	0 \$	-
8/1/2018 20:00	45.96	0 \$	-
8/1/2018 21:00	42.48	0 \$	-
8/1/2018 22:00	30.59	0 \$	-
8/1/2018 23:00	28.43	0 \$	-
8/2/2018 0:00	30.94	0 \$	-
8/2/2018 1:00	24.94	0 \$	-
8/2/2018 2:00	22.54	0 \$	-
8/2/2018 3:00	23.94	0 \$	-
8/2/2018 4:00	22.42	0 \$	-
8/2/2018 5:00	21.94	0 \$	-
8/2/2018 6:00	26.25	0 \$	-
8/2/2018 7:00	25.61	0 \$	-
8/2/2018 8:00	32.93	0 \$	-
8/2/2018 9:00	37.26	0 \$	-
8/2/2018 10:00	34.3	0 \$	-
8/2/2018 11:00	35.56	0 \$	-
8/2/2018 12:00	41.66	0 \$	-
8/2/2018 13:00	49.86	0 \$	-
8/2/2018 14:00	45.56	0 \$	-
8/2/2018 15:00	53.04	0 \$	-
8/2/2018 16:00	54.74	8.7 \$	0.48
8/2/2018 17:00	66.52	1037.6 \$	69.02
8/2/2018 18:00	69.41	1070.3 \$	74.29
8/2/2018 19:00	55.66	1072.8 \$	59.71
8/2/2018 20:00	40.47	74.7 \$	3.02
8/2/2018 21:00	41.13	0 \$	-
8/2/2018 22:00	36.38	0 \$	-
8/2/2018 23:00	34	0 \$	-
8/3/2018 0:00	31.16	0 \$	-
8/3/2018 1:00	31.77	0 \$	-
8/3/2018 2:00	27.13	0 \$	-
8/3/2018 3:00	24.48	0 \$	-
8/3/2018 4:00	23.41	0 \$	-
8/3/2018 5:00	24.27	0 \$	-
8/3/2018 6:00	27.23	0 \$	-
8/3/2018 7:00	30.62	0 \$	-
8/3/2018 8:00	35.21	0 \$	-
8/3/2018 9:00	38.29	0 \$	-
8/3/2018 10:00	42.96	0 \$	-
8/3/2018 11:00	41.2	0 \$	-
8/3/2018 12:00	39.07	0 \$	-
8/3/2018 13:00	41.54	0 \$	-
8/3/2018 14:00	42.21	0 \$	-
8/3/2018 15:00	47.09	0 \$	-
8/3/2018 16:00	40.86	0 \$	-
8/3/2018 17:00	45.89	0 \$	-
8/3/2018 18:00	63.1	0 \$	-
8/3/2018 19:00	47.46	0 \$	-
8/3/2018 20:00	36.41	0 \$	-
8/3/2018 21:00	33.47	0 \$	-
8/3/2018 22:00	32.67	0 \$	-
8/3/2018 23:00	32.78	0 \$	-
8/4/2018 0:00	32.05	0 \$	-
8/4/2018 1:00	26.34	0 \$	-

Energy Charge Total \$ 4,644.67
 Generator OutPut 32598.301 KWH

8/4/2018 2:00	26.09	0 \$	-
8/4/2018 3:00	25.15	0 \$	-
8/4/2018 4:00	22.61	0 \$	-
8/4/2018 5:00	23.99	0 \$	-
8/4/2018 6:00	23.66	0 \$	-
8/4/2018 7:00	25.73	0 \$	-
8/4/2018 8:00	35.58	0 \$	-
8/4/2018 9:00	43.38	0 \$	-
8/4/2018 10:00	43.41	0 \$	-
8/4/2018 11:00	39.37	0 \$	-
8/4/2018 12:00	31.61	0 \$	-
8/4/2018 13:00	28.19	0 \$	-
8/4/2018 14:00	28.25	0 \$	-
8/4/2018 15:00	30.96	0 \$	-
8/4/2018 16:00	37.45	0 \$	-
8/4/2018 17:00	38.82	0 \$	-
8/4/2018 18:00	47.39	0 \$	-
8/4/2018 19:00	45.83	0 \$	-
8/4/2018 20:00	44.53	0 \$	-
8/4/2018 21:00	39.9	0 \$	-
8/4/2018 22:00	36.77	0 \$	-
8/4/2018 23:00	27.32	0 \$	-
8/5/2018 0:00	22.9	0 \$	-
8/5/2018 1:00	22.06	0 \$	-
8/5/2018 2:00	20.96	0 \$	-
8/5/2018 3:00	19.91	0 \$	-
8/5/2018 4:00	3.91	0 \$	-
8/5/2018 5:00	-39.36	0 \$	-
8/5/2018 6:00	3.36	0 \$	-
8/5/2018 7:00	8.85	0 \$	-
8/5/2018 8:00	18.14	0 \$	-
8/5/2018 9:00	21.95	0 \$	-
8/5/2018 10:00	21.76	0 \$	-
8/5/2018 11:00	24.63	0 \$	-
8/5/2018 12:00	30.57	0 \$	-
8/5/2018 13:00	37.1	0 \$	-
8/5/2018 14:00	43.94	0 \$	-
8/5/2018 15:00	40.81	0 \$	-
8/5/2018 16:00	41.08	0 \$	-
8/5/2018 17:00	74.52	0 \$	-
8/5/2018 18:00	256.03	566.4 \$	145.02
8/5/2018 19:00	177.94	1070.8 \$	190.54
8/5/2018 20:00	69.17	364.4 \$	25.21
8/5/2018 21:00	85.45	0 \$	-
8/5/2018 22:00	41.63	0 \$	-
8/5/2018 23:00	34.21	0 \$	-
8/6/2018 0:00	28.06	0 \$	-
8/6/2018 1:00	26.28	0 \$	-
8/6/2018 2:00	26.54	0 \$	-
8/6/2018 3:00	26.21	0 \$	-
8/6/2018 4:00	23.94	0 \$	-
8/6/2018 5:00	23.05	0 \$	-
8/6/2018 6:00	22.7	0 \$	-
8/6/2018 7:00	22.52	0 \$	-
8/6/2018 8:00	23.71	0 \$	-
8/6/2018 9:00	33.79	0 \$	-
8/6/2018 10:00	49.6	0 \$	-
8/6/2018 11:00	47.34	0 \$	-
8/6/2018 12:00	58.06	0 \$	-
8/6/2018 13:00	69.06	0 \$	-
8/6/2018 14:00	72.95	0 \$	-
8/6/2018 15:00	258.06	955.1 \$	246.47
8/6/2018 16:00	209.53	1065.8 \$	223.32
8/6/2018 17:00	241.17	1066 \$	257.09
8/6/2018 18:00	128.01	1066.5 \$	136.52
8/6/2018 19:00	158.78	1068.2 \$	169.61
8/6/2018 20:00	88.86	73.2 \$	6.50
8/6/2018 21:00	71.9	0 \$	-
8/6/2018 22:00	62.12	0 \$	-
8/6/2018 23:00	45.43	0 \$	-
8/7/2018 0:00	38.89	0 \$	-
8/7/2018 1:00	35.36	0 \$	-
8/7/2018 2:00	32.75	0 \$	-
8/7/2018 3:00	36.21	0 \$	-
8/7/2018 4:00	34.98	0 \$	-
8/7/2018 5:00	30.46	0 \$	-
8/7/2018 6:00	37.58	0 \$	-

8/7/2018 7:00	37.94	0 \$	-
8/7/2018 8:00	33.45	0 \$	-
8/7/2018 9:00	35.86	0 \$	-
8/7/2018 10:00	36.97	0 \$	-
8/7/2018 11:00	45.94	0 \$	-
8/7/2018 12:00	75.8	0 \$	-
8/7/2018 13:00	93.17	0 \$	-
8/7/2018 14:00	88.36	0 \$	-
8/7/2018 15:00	89.74	25.3 \$	2.27
8/7/2018 16:00	116.91	1056.6 \$	123.59
8/7/2018 17:00	86.77	1068.8 \$	92.74
8/7/2018 18:00	68.37	1070.4 \$	73.18
8/7/2018 19:00	61.69	73.3 \$	4.52
8/7/2018 20:00	63.65	0 \$	-
8/7/2018 21:00	63.82	0 \$	-
8/7/2018 22:00	42.95	0 \$	-
8/7/2018 23:00	36.59	0 \$	-
8/8/2018 0:00	53.37	0 \$	-
8/8/2018 1:00	43.6	0 \$	-
8/8/2018 2:00	34.55	0 \$	-
8/8/2018 3:00	30.48	0 \$	-
8/8/2018 4:00	28.14	0 \$	-
8/8/2018 5:00	28.02	0 \$	-
8/8/2018 6:00	34.21	0 \$	-
8/8/2018 7:00	30.23	0 \$	-
8/8/2018 8:00	35.54	0 \$	-
8/8/2018 9:00	34.05	0 \$	-
8/8/2018 10:00	36.64	0 \$	-
8/8/2018 11:00	34.13	0 \$	-
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8/8/2018 13:00	47.2	0 \$	-
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8/8/2018 18:00	89.28	0 \$	-
8/8/2018 19:00	81.95	0 \$	-
8/8/2018 20:00	70.9	0 \$	-
8/8/2018 21:00	58.24	0 \$	-
8/8/2018 22:00	43.97	0 \$	-
8/8/2018 23:00	35.04	0 \$	-
8/9/2018 0:00	45.43	0 \$	-
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8/9/2018 3:00	29.68	0 \$	-
8/9/2018 4:00	28.54	0 \$	-
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8/9/2018 13:00	37.18	0 \$	-
8/9/2018 14:00	43.01	0 \$	-
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8/10/2018 2:00	24.62	0 \$	-
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8/10/2018 8:00	22.53	0 \$	-
8/10/2018 9:00	26.05	0 \$	-
8/10/2018 10:00	27.87	0 \$	-
8/10/2018 11:00	57.74	0 \$	-

8/10/2018 12:00	53.14	0 \$	-
8/10/2018 13:00	47.2	0 \$	-
8/10/2018 14:00	52.51	0 \$	-
8/10/2018 15:00	57.13	0 \$	-
8/10/2018 16:00	53.66	0 \$	-
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8/11/2018 19:00	50.55	0 \$	-
8/11/2018 20:00	52.92	0 \$	-
8/11/2018 21:00	48.35	0 \$	-
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8/11/2018 23:00	34.15	0 \$	-
8/12/2018 0:00	29.69	0 \$	-
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8/12/2018 2:00	24.62	0 \$	-
8/12/2018 3:00	21.8	0 \$	-
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8/12/2018 8:00	25.1	0 \$	-
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8/12/2018 10:00	51.49	0 \$	-
8/12/2018 11:00	42.49	0 \$	-
8/12/2018 12:00	48.82	0 \$	-
8/12/2018 13:00	47.5	0 \$	-
8/12/2018 14:00	45.59	0 \$	-
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8/13/2018 1:00	26.65	0 \$	-
8/13/2018 2:00	23.67	0 \$	-
8/13/2018 3:00	22.29	0 \$	-
8/13/2018 4:00	21.49	0 \$	-
8/13/2018 5:00	20.79	0 \$	-
8/13/2018 6:00	23.18	0 \$	-
8/13/2018 7:00	22.86	0 \$	-
8/13/2018 8:00	23.79	0 \$	-
8/13/2018 9:00	26.89	0 \$	-
8/13/2018 10:00	38.04	0 \$	-
8/13/2018 11:00	31.04	0 \$	-
8/13/2018 12:00	29.9	0 \$	-
8/13/2018 13:00	28.3	0 \$	-
8/13/2018 14:00	29.32	0 \$	-
8/13/2018 15:00	27.29	0 \$	-
8/13/2018 16:00	25.23	0 \$	-

8/13/2018 17:00	23.97	0 \$	-
8/13/2018 18:00	23.09	0 \$	-
8/13/2018 19:00	23.2	0 \$	-
8/13/2018 20:00	23.62	0 \$	-
8/13/2018 21:00	25.83	0 \$	-
8/13/2018 22:00	23.53	0 \$	-
8/13/2018 23:00	21.09	0 \$	-
8/14/2018 0:00	20.78	0 \$	-
8/14/2018 1:00	19	0 \$	-
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8/14/2018 3:00	-82.99	0 \$	-
8/14/2018 4:00	-1.61	0 \$	-
8/14/2018 5:00	8.87	0 \$	-
8/14/2018 6:00	21.33	0 \$	-
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8/14/2018 8:00	21.51	0 \$	-
8/14/2018 9:00	23.2	0 \$	-
8/14/2018 10:00	27.68	0 \$	-
8/14/2018 11:00	28.01	0 \$	-
8/14/2018 12:00	34.89	0 \$	-
8/14/2018 13:00	40.36	0 \$	-
8/14/2018 14:00	50.7	0 \$	-
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8/14/2018 16:00	34.28	0 \$	-
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8/14/2018 18:00	39.02	0 \$	-
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8/14/2018 22:00	40.63	0 \$	-
8/14/2018 23:00	24.02	0 \$	-
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8/15/2018 5:00	23.68	0 \$	-
8/15/2018 6:00	23.86	0 \$	-
8/15/2018 7:00	25.72	0 \$	-
8/15/2018 8:00	24.96	0 \$	-
8/15/2018 9:00	30.28	0 \$	-
8/15/2018 10:00	30.08	0 \$	-
8/15/2018 11:00	28.06	0 \$	-
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8/15/2018 14:00	32.75	0 \$	-
8/15/2018 15:00	37.75	0 \$	-
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8/15/2018 17:00	44.19	0 \$	-
8/15/2018 18:00	47.52	0 \$	-
8/15/2018 19:00	45	0 \$	-
8/15/2018 20:00	39.06	0 \$	-
8/15/2018 21:00	36.14	0 \$	-
8/15/2018 22:00	34.37	0 \$	-
8/15/2018 23:00	32.48	0 \$	-
8/16/2018 0:00	32.77	0 \$	-
8/16/2018 1:00	33.69	0 \$	-
8/16/2018 2:00	25.95	0 \$	-
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8/16/2018 18:00	40.22	0 \$	-
8/16/2018 19:00	42.05	0 \$	-
8/16/2018 20:00	40	0 \$	-
8/16/2018 21:00	40.01	0 \$	-

8/16/2018 22:00	39.52	0 \$	-
8/16/2018 23:00	36.36	0 \$	-
8/17/2018 0:00	36.3	0 \$	-
8/17/2018 1:00	31.64	0 \$	-
8/17/2018 2:00	33.82	0 \$	-
8/17/2018 3:00	30.78	0 \$	-
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8/17/2018 16:00	51.41	0 \$	-
8/17/2018 17:00	50.34	0 \$	-
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8/18/2018 13:00	42.26	0 \$	-
8/18/2018 14:00	41.24	0 \$	-
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8/18/2018 17:00	38.56	0 \$	-
8/18/2018 18:00	29.03	0 \$	-
8/18/2018 19:00	32.42	0 \$	-
8/18/2018 20:00	35.01	0 \$	-
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8/19/2018 7:00	24.76	0 \$	-
8/19/2018 8:00	26.78	0 \$	-
8/19/2018 9:00	25.75	0 \$	-
8/19/2018 10:00	21.4	0 \$	-
8/19/2018 11:00	20.9	0 \$	-
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8/19/2018 16:00	22.15	0 \$	-
8/19/2018 17:00	27.7	0 \$	-
8/19/2018 18:00	31	0 \$	-
8/19/2018 19:00	27.86	0 \$	-
8/19/2018 20:00	26.94	0 \$	-
8/19/2018 21:00	33.01	0 \$	-
8/19/2018 22:00	31.01	0 \$	-
8/19/2018 23:00	28.25	0 \$	-
8/20/2018 0:00	20.79	0 \$	-
8/20/2018 1:00	16.59	0 \$	-
8/20/2018 2:00	20.31	0 \$	-

8/20/2018 3:00	18.63	0 \$	-
8/20/2018 4:00	19.52	0 \$	-
8/20/2018 5:00	19.08	0 \$	-
8/20/2018 6:00	20.69	0 \$	-
8/20/2018 7:00	21.11	0 \$	-
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8/20/2018 13:00	25.51	0 \$	-
8/20/2018 14:00	27.99	0 \$	-
8/20/2018 15:00	33.64	0 \$	-
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8/20/2018 18:00	31.66	0 \$	-
8/20/2018 19:00	32.04	0 \$	-
8/20/2018 20:00	29.83	0 \$	-
8/20/2018 21:00	28.11	0 \$	-
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8/20/2018 23:00	23.13	0 \$	-
8/21/2018 0:00	24.9	0 \$	-
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8/21/2018 2:00	24.26	0 \$	-
8/21/2018 3:00	20.99	0 \$	-
8/21/2018 4:00	17.98	0 \$	-
8/21/2018 5:00	19.01	0 \$	-
8/21/2018 6:00	21.99	0 \$	-
8/21/2018 7:00	24.81	0 \$	-
8/21/2018 8:00	25.79	0 \$	-
8/21/2018 9:00	26.9	0 \$	-
8/21/2018 10:00	26.98	0 \$	-
8/21/2018 11:00	29.92	0 \$	-
8/21/2018 12:00	28.63	0 \$	-
8/21/2018 13:00	28.88	0 \$	-
8/21/2018 14:00	27.98	0 \$	-
8/21/2018 15:00	27.51	0 \$	-
8/21/2018 16:00	31.03	0 \$	-
8/21/2018 17:00	33.73	0 \$	-
8/21/2018 18:00	31.63	0 \$	-
8/21/2018 19:00	29.29	0 \$	-
8/21/2018 20:00	30.71	0 \$	-
8/21/2018 21:00	30.25	0 \$	-
8/21/2018 22:00	25.65	0 \$	-
8/21/2018 23:00	23.6	0 \$	-
8/22/2018 0:00	22.98	0 \$	-
8/22/2018 1:00	22.68	0 \$	-
8/22/2018 2:00	24.02	0 \$	-
8/22/2018 3:00	29.84	0 \$	-
8/22/2018 4:00	22.65	0 \$	-
8/22/2018 5:00	18.57	0 \$	-
8/22/2018 6:00	19.95	0 \$	-
8/22/2018 7:00	20.59	0 \$	-
8/22/2018 8:00	21.53	0 \$	-
8/22/2018 9:00	23.96	0 \$	-
8/22/2018 10:00	25.5	0 \$	-
8/22/2018 11:00	28.32	0 \$	-
8/22/2018 12:00	27.83	0 \$	-
8/22/2018 13:00	27.2	0 \$	-
8/22/2018 14:00	26.76	0 \$	-
8/22/2018 15:00	31.25	0 \$	-
8/22/2018 16:00	29.37	0 \$	-
8/22/2018 17:00	30.42	0 \$	-
8/22/2018 18:00	30.5	0 \$	-
8/22/2018 19:00	36.45	0 \$	-
8/22/2018 20:00	30.85	0 \$	-
8/22/2018 21:00	32.28	0 \$	-
8/22/2018 22:00	28.34	0 \$	-
8/22/2018 23:00	24.85	0 \$	-
8/23/2018 0:00	26.01	0 \$	-
8/23/2018 1:00	23.43	0 \$	-
8/23/2018 2:00	24.31	0 \$	-
8/23/2018 3:00	22.51	0 \$	-
8/23/2018 4:00	21.01	0 \$	-
8/23/2018 5:00	20.88	0 \$	-
8/23/2018 6:00	24.2	0 \$	-
8/23/2018 7:00	24.74	0 \$	-

8/23/2018 8:00	26.99	0 \$	-
8/23/2018 9:00	24.98	0 \$	-
8/23/2018 10:00	25.33	0 \$	-
8/23/2018 11:00	23.63	0 \$	-
8/23/2018 12:00	21.73	0 \$	-
8/23/2018 13:00	21.99	0 \$	-
8/23/2018 14:00	22.3	0 \$	-
8/23/2018 15:00	22.54	0 \$	-
8/23/2018 16:00	25.85	0 \$	-
8/23/2018 17:00	27.4	0 \$	-
8/23/2018 18:00	40.32	0 \$	-
8/23/2018 19:00	35.66	0 \$	-
8/23/2018 20:00	27.58	0 \$	-
8/23/2018 21:00	29.66	0 \$	-
8/23/2018 22:00	24.63	0 \$	-
8/23/2018 23:00	21.84	0 \$	-
8/24/2018 0:00	20.49	0 \$	-
8/24/2018 1:00	21.1	0 \$	-
8/24/2018 2:00	21.46	0 \$	-
8/24/2018 3:00	21.25	0 \$	-
8/24/2018 4:00	20.88	0 \$	-
8/24/2018 5:00	21.21	0 \$	-
8/24/2018 6:00	22.31	0 \$	-
8/24/2018 7:00	21.38	0 \$	-
8/24/2018 8:00	20.79	0 \$	-
8/24/2018 9:00	21.24	0 \$	-
8/24/2018 10:00	20.79	0 \$	-
8/24/2018 11:00	21.33	0 \$	-
8/24/2018 12:00	21.93	0 \$	-
8/24/2018 13:00	22.49	0 \$	-
8/24/2018 14:00	23.69	0 \$	-
8/24/2018 15:00	23.13	0 \$	-
8/24/2018 16:00	23.89	0 \$	-
8/24/2018 17:00	34.3	0 \$	-
8/24/2018 18:00	50.91	0 \$	-
8/24/2018 19:00	36.24	0 \$	-
8/24/2018 20:00	33.36	0 \$	-
8/24/2018 21:00	28.15	0 \$	-
8/24/2018 22:00	23.43	0 \$	-
8/24/2018 23:00	20.58	0 \$	-
8/25/2018 0:00	19.92	0 \$	-
8/25/2018 1:00	21.36	0 \$	-
8/25/2018 2:00	22.57	0 \$	-
8/25/2018 3:00	24.09	0 \$	-
8/25/2018 4:00	21.77	0 \$	-
8/25/2018 5:00	19.55	0 \$	-
8/25/2018 6:00	20.28	0 \$	-
8/25/2018 7:00	23.34	0 \$	-
8/25/2018 8:00	21.08	0 \$	-
8/25/2018 9:00	22.28	0 \$	-
8/25/2018 10:00	26.89	0 \$	-
8/25/2018 11:00	23.18	0 \$	-
8/25/2018 12:00	22.55	0 \$	-
8/25/2018 13:00	24.98	0 \$	-
8/25/2018 14:00	26.35	0 \$	-
8/25/2018 15:00	30.19	0 \$	-
8/25/2018 16:00	35.2	0 \$	-
8/25/2018 17:00	28	0 \$	-
8/25/2018 18:00	27.82	0 \$	-
8/25/2018 19:00	27.99	0 \$	-
8/25/2018 20:00	24.59	0 \$	-
8/25/2018 21:00	23.28	0 \$	-
8/25/2018 22:00	21.54	0 \$	-
8/25/2018 23:00	21.07	0 \$	-
8/26/2018 0:00	20.38	0 \$	-
8/26/2018 1:00	20.21	0 \$	-
8/26/2018 2:00	6.72	0 \$	-
8/26/2018 3:00	19.24	0 \$	-
8/26/2018 4:00	11.43	0 \$	-
8/26/2018 5:00	-40.58	0 \$	-
8/26/2018 6:00	7.31	0 \$	-
8/26/2018 7:00	21.61	0 \$	-
8/26/2018 8:00	20.85	0 \$	-
8/26/2018 9:00	9.58	0 \$	-
8/26/2018 10:00	20.01	0 \$	-
8/26/2018 11:00	23.76	0 \$	-
8/26/2018 12:00	23.78	0 \$	-

8/26/2018 13:00	22.16	0 \$	-
8/26/2018 14:00	25.23	0 \$	-
8/26/2018 15:00	26.04	0 \$	-
8/26/2018 16:00	40.22	0 \$	-
8/26/2018 17:00	49.31	0 \$	-
8/26/2018 18:00	37.8	0 \$	-
8/26/2018 19:00	44.41	0 \$	-
8/26/2018 20:00	49.82	0 \$	-
8/26/2018 21:00	51.06	0 \$	-
8/26/2018 22:00	51.16	0 \$	-
8/26/2018 23:00	34.05	0 \$	-
8/27/2018 0:00	27.28	0 \$	-
8/27/2018 1:00	34.9	0 \$	-
8/27/2018 2:00	26.94	0 \$	-
8/27/2018 3:00	30.02	0 \$	-
8/27/2018 4:00	32.1	0 \$	-
8/27/2018 5:00	31.23	0 \$	-
8/27/2018 6:00	36.93	0 \$	-
8/27/2018 7:00	51.18	0 \$	-
8/27/2018 8:00	46.28	0 \$	-
8/27/2018 9:00	37.57	0 \$	-
8/27/2018 10:00	54.89	0 \$	-
8/27/2018 11:00	51.85	0 \$	-
8/27/2018 12:00	46.66	0 \$	-
8/27/2018 13:00	46.64	0 \$	-
8/27/2018 14:00	59.36	0 \$	-
8/27/2018 15:00	70.57	0 \$	-
8/27/2018 16:00	71.35	0 \$	-
8/27/2018 17:00	97.52	0 \$	-
8/27/2018 18:00	108.8	0 \$	-
8/27/2018 19:00	98.76	0 \$	-
8/27/2018 20:00	112.22	0 \$	-
8/27/2018 21:00	105.29	0 \$	-
8/27/2018 22:00	75.84	0 \$	-
8/27/2018 23:00	57.81	0 \$	-
8/28/2018 0:00	42.85	0 \$	-
8/28/2018 1:00	39.39	0 \$	-
8/28/2018 2:00	41.22	0 \$	-
8/28/2018 3:00	37.58	0 \$	-
8/28/2018 4:00	36.41	0 \$	-
8/28/2018 5:00	37.84	0 \$	-
8/28/2018 6:00	49.09	0 \$	-
8/28/2018 7:00	26.95	0 \$	-
8/28/2018 8:00	36.19	0 \$	-
8/28/2018 9:00	44.9	0 \$	-
8/28/2018 10:00	36.82	0 \$	-
8/28/2018 11:00	37.65	0 \$	-
8/28/2018 12:00	63.17	0 \$	-
8/28/2018 13:00	93.12	251.801 \$	23.45
8/28/2018 14:00	234.11	1064.7 \$	249.26
8/28/2018 15:00	218.41	1067.4 \$	233.13
8/28/2018 16:00	171.17	1065.7 \$	182.42
8/28/2018 17:00	189.72	1064.5 \$	201.96
8/28/2018 18:00	226.64	1066.2 \$	241.64
8/28/2018 19:00	166.53	1068.4 \$	177.92
8/28/2018 20:00	137.84	1069.5 \$	147.42
8/28/2018 21:00	153.21	1073.1 \$	164.26
8/28/2018 22:00	93.13	112.4 \$	10.47
8/28/2018 23:00	44.17	0 \$	-
8/29/2018 0:00	38.06	0 \$	-
8/29/2018 1:00	41.25	0 \$	-
8/29/2018 2:00	40.65	0 \$	-
8/29/2018 3:00	30.91	0 \$	-
8/29/2018 4:00	29.44	0 \$	-
8/29/2018 5:00	29.34	0 \$	-
8/29/2018 6:00	33.48	0 \$	-
8/29/2018 7:00	39.01	0 \$	-
8/29/2018 8:00	32.51	0 \$	-
8/29/2018 9:00	33.24	0 \$	-
8/29/2018 10:00	38.42	0 \$	-
8/29/2018 11:00	54.78	0 \$	-
8/29/2018 12:00	99.77	0 \$	-
8/29/2018 13:00	123.68	0 \$	-
8/29/2018 14:00	142.9	961.3 \$	137.37
8/29/2018 15:00	140.65	1064.6 \$	149.74
8/29/2018 16:00	135.69	1064.7 \$	144.47
8/29/2018 17:00	141.24	1064.1 \$	150.29

8/29/2018 18:00	142.87	1065.8	\$	152.27
8/29/2018 19:00	139.46	1068	\$	148.94
8/29/2018 20:00	96.53	1069.5	\$	103.24
8/29/2018 21:00	78.38	87.4	\$	6.85
8/29/2018 22:00	49.16	0	\$	-
8/29/2018 23:00	41.41	0	\$	-
8/30/2018 0:00	33.06	0	\$	-
8/30/2018 1:00	30.28	0	\$	-
8/30/2018 2:00	32.66	0	\$	-
8/30/2018 3:00	33.2	0	\$	-
8/30/2018 4:00	30.53	0	\$	-
8/30/2018 5:00	30.74	0	\$	-
8/30/2018 6:00	33.52	0	\$	-
8/30/2018 7:00	50.75	0	\$	-
8/30/2018 8:00	63.22	0	\$	-
8/30/2018 9:00	50.64	0	\$	-
8/30/2018 10:00	42.97	89	\$	3.82
8/30/2018 11:00	40.46	1070.8	\$	43.32
8/30/2018 12:00	56.28	1070.6	\$	60.25
8/30/2018 13:00	55.47	164.9	\$	9.15
8/30/2018 14:00	55.94	0	\$	-
8/30/2018 15:00	54.95	0	\$	-
8/30/2018 16:00	53.93	0	\$	-
8/30/2018 17:00	55.71	0	\$	-
8/30/2018 18:00	54.82	0	\$	-
8/30/2018 19:00	54.75	0	\$	-
8/30/2018 20:00	46.78	0	\$	-
8/30/2018 21:00	43.59	0	\$	-
8/30/2018 22:00	44.45	0	\$	-
8/30/2018 23:00	31.48	0	\$	-
8/31/2018 0:00	26.9	0	\$	-
8/31/2018 1:00	25.46	0	\$	-
8/31/2018 2:00	28.16	0	\$	-
8/31/2018 3:00	24.27	0	\$	-
8/31/2018 4:00	23.4	0	\$	-
8/31/2018 5:00	24.8	0	\$	-
8/31/2018 6:00	25.05	0	\$	-
8/31/2018 7:00	26.5	0	\$	-
8/31/2018 8:00	34.78	0	\$	-
8/31/2018 9:00	42.74	0	\$	-
8/31/2018 10:00	36.71	0	\$	-
8/31/2018 11:00	30.54	0	\$	-
8/31/2018 12:00	30.66	0	\$	-
8/31/2018 13:00	33.82	0	\$	-
8/31/2018 14:00	37.65	0	\$	-
8/31/2018 15:00	36.44	0	\$	-
8/31/2018 16:00	37.93	0	\$	-
8/31/2018 17:00	41.07	0	\$	-
8/31/2018 18:00	42.65	0	\$	-
8/31/2018 19:00	37.83	0	\$	-
8/31/2018 20:00	29	0	\$	-
8/31/2018 21:00	29.87	0	\$	-
8/31/2018 22:00	26.72	0	\$	-
8/31/2018 23:00	25.53	0	\$	-
9/1/2018 0:00	32.23	0	\$	-