

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: JULY 2018

Project Name	KW Capability	KWH Generation	Capacity	Fuel	Transmission	Total Net Monthly Power Costs	Cost per KWH
Project Six	75,020	55,797,088	1,820,088.69	330,318.78	2,961.28	2,153,368.75	.0386
<b>TOTAL</b>		55,797,088	\$1,820,088.69	\$330,318.78	\$2,961.28	\$2,153,368.75	\$0.0386

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	992,686	32,381.20	5,876.70	52.68	38,310.58	.0386
<b>TOTAL</b>		992,686	\$32,381.20	\$5,876.70	\$52.68	\$38,310.58	\$0.0386

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	992,686	32,381.20	5,876.70	52.68	38,310.58	.0386
<b>TOTAL</b>		992,686	\$32,381.20	\$5,876.70	\$52.68	\$38,310.58	\$0.0386

*Every*  
 30,257.90  
 T

no more surplus funds  $\phi$



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

JUL 23 2018

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

Statement Date:	7/20/2018
Due Date:	8/20/2018
Customer ID:	1150
Power Period:	June 2018

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

SEE ATTACHED INVOICES FOR BILLING DETAIL

INV #	DESCRIPTION	AMOUNT	KWH
57130	HYDRO QUEBEC PHASE I	\$129.87	
57259	HYDRO QUEBEC PHASE I	57.24	
57151	HYDRO QUEBEC PHASE II	804.71	
57598	NYPA 1995	5,337.12	
57540	SERVICE BILLING	262.62	
57760	PROJECT SIX	38,304.17	

*July*  
*June*  
*June*  
*prepayment*

TOTAL DUE \$44,895.73

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



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 327 Moody Street  
 Post Office Box 426  
 Ludlow, Massachusetts 01056

Pascoag Utility District  
 253 Pascoag-Main Street  
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 Pascoag RI 02859

Invoice Number:	57130 RI
Invoice Date:	07/03/2018
Due Date:	07/12/2018
Customer ID:	1150

Hydro Quebec Phase I  
 Billing Period - July 2018-NEET

	MMWEC Share	PART. %	Participant Share
Percent Participation Capability	23,826 KW	0.6617 %	158 KW
<b>Total Capability</b>	<b>23,826 KW</b>		<b>158 KW</b>
Generation (KWH)			
Generation - Sold			0 KWH
Generation - Purchased	0 KWH	0.6617 %	0 KWH
<b>Total Net Generation</b>	<b>0 KWH</b>		<b>0 KWH</b>
Capacity Charge			
Capacity Charge	\$0.00	0.6617 %	\$0.00
<b>Total Capacity</b>	<b>\$0.00</b>		<b>\$0.00</b>
Energy Charge			
Energy Charge	\$0.00	0.6617 %	\$0.00
Energy Charge - NEPOOL Charges			\$0.00
<b>Total Energy</b>	<b>\$0.00</b>		<b>\$0.00</b>
Other Charges / Credits			\$0.00
Transmission Costs	\$2,238.81	0.6617 %	\$14.81
Sub Total - Purchased Power	\$2,238.81		\$14.81
Administrative Expense	\$17,383.69	0.6617 %	\$115.03
Administrative Expense - Line of Credit	\$3.45	0.6617 %	\$0.03
Investment Earnings Credit			\$0.00
Interest on Borrowings - Line of Credit			\$0.00
Interest Expense			\$0.00
<b>Total Admin &amp; Other Costs</b>	<b>\$17,387.14</b>		<b>\$115.06</b>
Assessments			
Reserve Trust			\$0.00
Working Capital			\$0.00
<b>Total MMWEC Share</b>	<b>\$19,625.95</b>		<b>\$0.00</b>

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: \$129.87**

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:	57259 RI
Invoice Date:	07/11/2018
Due Date:	07/23/2018
Customer ID:	1150

Hydro Quebec Phase I  
 Billing Period - July 2018-VETCO

	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>\$8,650.21</u>	0.6617 %	<u>\$57.24</u>
Sub Total - Purchased Power	\$8,650.21		\$57.24
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			<u>\$0.00</u>
Total Admin & Other Costs	\$0.00		\$0.00
Assessments			
Reserve Trust			\$0.00
Working Capital			<u>\$0.00</u>
Total MMWEC Share	<u>\$8,650.21</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: \$57.24**

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

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 PHONE: (413) 308-1333



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Pascoag Utility District  
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Invoice Number:	57151 RI
Invoice Date:	07/03/2018
Due Date:	07/12/2018
Customer ID:	1150

Hydro Quebec II Equity  
 Billing Period - July 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	\$21,619.79	3.6300 %	\$784.80
Sub Total - Purchased Power	\$21,619.79		\$784.80
Administrative Expense	\$548.46	3.6300 %	\$19.91
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	\$548.46		\$19.91
Assessments			
Reserve Trust			\$0.00
Working Capital			\$0.00
Total MMWEC Share	\$22,168.25		\$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: \$804.71**

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

MASS MUNICIPAL WHOLESALE ELEC. CO  
P.O. BOX 426  
LUDLOW, MASSACHUSETTS 01056

INVOICE SUMMARY  
POWER SALES AGREEMENT  
BILLING STATEMENT

INVOICE DATE: 7/19/2018  
DUE DATE: \* 8/20/2018  
Customer ID: 1150

\* AN INTEREST CHARGE SHALL BE  
ASSESSED OF 1 1/2% PER MONTH  
FOR ANY DELINQUENT PAYMENT

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

PROJECT DESCRIPTION  
PROJECT SIX

INVOICE NUMBER  
57760

TOTAL INVOICE (1)  
\$ 38,304.17

SUB TOTAL DUE

\$ 38,304.17 (2)

TOTAL DUE

\$ 38,304.17

- (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:	57760
Invoice Date:	07/19/2018
Due Date:	08/18/2018
Customer ID:	1150

**Project Six**

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

Description of Charges	Amount
Nuclear Project Six	38,304.17
<b>Total Due:</b>	<b>\$ 38,304.17</b>

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

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PHONE: (413) 308-1333

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

PASCOAG

	<u>100%</u>	<u>1.7791%</u>
1. Cumulative billings, net of expenses through June	(1) (\$12,697.28)	(1) (\$225.90)
2. Adjusted Billing for July (Billed in June)	\$2,153,399.27	\$38,311.13
3. Funds available for July	<u>\$2,140,701.99</u>	<u>\$38,085.23</u>
4. Less Capacity & Transmission budget for July	(\$2,146,826.00)	(\$38,194.18)
5. Funds available for August	<u>(\$6,124.01)</u>	<u>(\$108.95)</u>
6. Power cost Capacity & Transmission budget for August	\$2,146,826.00	\$38,194.18
7. Adjusted billing for August	(2) <u>\$2,152,950.01</u>	(2) <u>\$38,303.13</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 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:	58445 RI
Invoice Date:	08/16/2018
Due Date:	09/20/2018
Customer ID:	1150

NYPA 1995  
 Billing Period - July 2018

	MMWEC Share	PART. %	Participant Share
<b>Percent Participation</b>			
Capability - Firm	43,900 KW	0.0000 %	0 KW
Capability - Peaking	9,400 KW	0.0000 %	0 KW
<b>Total Capability</b>	<b>53,300 KW</b>		<b>0 KW</b>
<b>Generation (KWH)</b>			
Generation - Firm	19,584,753 KWH	0.0000 %	0 KWH
Generation - Peaking	874,000 KWH	0.0000 %	0 KWH
Generation - Interruptible	5,740,000 KWH	0.0000 %	0 KWH
Generation - Substitute Energy	77,247 KWH	0.0000 %	0 KWH
<b>Total Generation</b>	<b>26,276,000 KWH</b>		<b>0 KWH</b>
<b>Capacity Charge</b>			
Capacity Charge - Firm	\$178,673.00	0.0000 %	\$0.00
Capacity Charge - Peaking	\$38,258.00	0.0000 %	\$0.00
Capacity Charge - Interruptible	\$0.00	0.0000 %	\$0.00
Capacity Charge - Substitute Energy	\$0.00	0.0000 %	\$0.00
<b>Total Capacity</b>	<b>\$216,931.00</b>		<b>\$0.00</b>
<b>Energy Charge</b>			
Energy Charge - Firm	\$94,456.71	0.0000 %	\$0.00
Energy Charge - Peaking	\$4,300.08	0.0000 %	\$0.00
Energy Charge - interruptible	\$28,240.80	0.0000 %	\$0.00
Energy Charge - Substitute Energy	\$10,936.91	0.0000 %	\$0.00
<b>Total Energy</b>	<b>\$137,934.50</b>		<b>\$0.00</b>
<b>Other Charges / Credits</b>			<b>\$529.78</b>
<b>Transmission Costs</b>			
NY ISO Charges	\$165,516.60	0.0000 %	\$0.00
NE ISO Charges	\$18,361.05	0.0000 %	\$0.00
<b>Total Transmission Costs</b>	<b>\$183,877.65</b>		<b>\$0.00</b>
<b>Sub Total - Purchased Power</b>	<b>\$538,743.15</b>		<b>\$0.00</b>
<b>Administrative Expenses</b>	\$15,293.13	0.0000 %	\$0.00
<b>Litigation Expenses (See Att. Detail)</b>	\$0.00	0.0000 %	\$0.00
<b>Investment Earnings Credit</b>			\$0.00
<b>Interest Expense</b>			\$0.00
<b>Total Admin &amp; Other Costs</b>	<b>\$15,293.13</b>		<b>\$0.00</b>
<b>Prepayment Adjustment</b>			
Prepayment Charge (current month)	\$1,976,630.00		\$0.00
Prepayment Charge (prior month)	\$-1,976,630.00		\$0.00
<b>Total MMWEC Share</b>	<b>\$554,036.28</b>		<b>\$0.00</b>

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: \$529.78**

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

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

**Summary of Monthly NYPA Adjustments for the Three States: 2018**

**ate NYPA Expenses (Volumetric, Internal Transactions, External Transactions) and NYPA Credits (Net of Hourly Marginal Loss Revenues and External Inadvertent Charges).**

Billing Month	Rhode Island			
	NYPA Credit \$	NYPA Expense \$	DA-RT Adjustment \$	Net NYPA Adjust \$
January	\$ (15,936.24)	\$ 504.92	\$ 1,677.27	\$ (13,754.05)
February	\$ (3,100.80)	\$ 542.39	\$ 1,694.06	\$ (864.34)
March	\$ (3,974.01)	\$ 492.96	\$ 2,281.00	\$ (1,200.05)
April	\$ (3,431.85)	\$ 541.09	\$ 5,236.58	\$ 2,345.82
May	\$ (2,646.14)	\$ 526.38	\$ 7,456.88	\$ 5,337.12
June	\$ (158.30)	\$ 542.73	\$ 145.35	\$ 529.78



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:	58365
Invoice Date:	08/14/2018
Due Date:	09/13/2018
Customer ID:	1150

**Service Bill**

Billing Period 7, for services rendered under the All Requirements Agreement or MMWEC Service Agreement, as applicable

Bill Code	Description of Charges	Amount
00CB	Consolidated Billing Administr	47.15
NY41	Pascoag - NYPA Power Administr	167.50
	<b>Total Due:</b>	<b>\$ 214.65</b>

**Payment Instructions**

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

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

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PHONE: (413) 308-1333

MASSACHUSETTS MUNICIPAL  
WHOLESALE ELECTRIC CO.

Vendor Number	Vendor Name	Check No.	Check Date
1150	Pascoag Utility District	151877	8/2/2018

Reference	Invoice Date	Invoice Number	Invoice Amount	Discount	Net Check Amount
Invoice Summary	7/19/2018	07192018	15,004.27		15,004.27
			15,004.27		15,004.27

August Cash Draw -

I: 2018006163 Date: Aug 7, 2018  
Time: 9:51:37

aneous Activity 15004.2

y Market Settlement July 19, 2018

Total To-Be-Paid: 15004.2

151877 Check: 15004.2

Change Due: 0.00

scgcsh2 1 20

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

Bank of America  
52-153-112

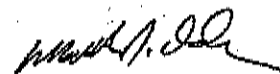
Check No.	Check Date	Vendor No.
151877	8/2/2018	1150

Pay FIFTEEN THOUSAND FOUR AND 27/100\*\*\*\*\*

Check Amount
\$****15,004.27

Not Valid After 365 Days

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



Two signatures required over \$25,000.00

⑈00⑆5⑆877⑈ ⑆0⑆⑆20⑆539⑆ 000080242607⑈

Date: July 19, 2018

Amount (\$): \$ 15,004.27

To: Pascoag Utility District

Street: 253 Main Street; Box 107

City, State : Pascoag, RI Zip Code: 01749

Forward Capacity Market Settlement for NYPA - Jun-18 \$ 15,931.10

\* Forward Capacity Market Stlmnt NYPA-Pscog Adj 100 KW \$ (926.83)

PSCOG Share of ISO/NYPA Charges - 2018 \$ -

\$ 15,004.27



# NEW YORK STATE OF OPPORTUNITY 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: Harfe 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	\$	6,265.82
Payment Received	\$	6,265.82
Past Due Balance	\$	0.00
Current Charges	\$	7,041.87
Late Charges	\$	0.00

TOTAL AMOUNT DUE \$ 7,041.87

Invoice Number: 6100068302  
Billing Period: July 2018  
Invoice Date: August 14, 2018  
Payment Due: September 04, 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 JUNE V1 AND OCTOBER V3.  
RHODE ISLAND  
EMAIL TO: [trounds@pud-ri.org](mailto:trounds@pud-ri.org)

*niagra*

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

**RHODE ISLAND PUBLIC UTILITIES COMMISSION**

Contract Account: 2000006522  
 Invoice Number: 6100068302  
 Service Tariff: NS-1, NS-2, NS-3  
 Allocation: 700

Billing Period: July 2018  
 Current Reading Date: July 31, 2018  
 Previous Reading Date: June 30, 2018  
 Hours This Period: 744

Description	Quantity	Rate	Amount
<b>Demand (KW)</b>			
Firm	600	\$4.07000	\$ 2,442.00
Firm Peaking	100	\$4.07000	\$ 407.00
<b>Subtotal</b>			<b>\$ 2,849.00</b>
<b>Energy (KWH)</b>			
Firm Hydro	248,000	\$0.00492	\$ 1,220.16
Firm Peaking	9,000	\$0.00492	\$ 44.28
Interruptible	79,000	\$0.00492	\$ 388.68
<b>Subtotal</b>			<b>\$ 1,653.12</b>
<b>NY Independent System Operator</b>			
Ancillary Service			\$ 384.24
TUC Charge			\$ 2,098.72
<b>Subtotal</b>			<b>\$ 2,482.96</b>
<b>True-up Charges/Credits</b>			
ISO True-up Vers. 2			\$ -0.27
<b>Subtotal</b>			<b>\$ -0.27</b>
<b>TOTAL CURRENT CHARGES</b>			<b>\$ 6,984.81</b>
<b>ADJUSTMENT SUMMARY: January 2018</b>			
<b>Energy (KWH)</b>			
Firm Hydro	- 325,880	\$0.00492	\$ - 1,603.33
Previously Billed	325,700	\$0.00492	\$ 1,602.44
Revised			\$ - 0.89
<b>Net</b>			<b>\$ - 0.89</b>

*336,000*

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

**RHODE ISLAND PUBLIC UTILITIES COMMISSION**

Contract Account: 290009622  
 Invoice Number: 6100068302  
 Service Tariff: NS-1, NS-2, NS-3  
 Allocation: 700

Billing Period: July 2018  
 Current Reading Date: July 31, 2018  
 Previous Reading Date: June 30, 2018  
 Hours This Period: 744

Description	Quantity	Rate	Amount
Subtotal		\$	-0.89
<b>CURTAILMENT (KWH)</b>			
Intra-Month Curtailment	-120	\$	-231.80
Previously Billed	300	\$	288.75
Revised	180	\$	57.95
Net		\$	57.95
Subtotal		\$	57.95

Total Adjustment: January 2018

\$ 57.06

**TOTAL ADJUSTMENTS**

\$ 57.06

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### NYPA ISO Billing Statement INVER01

For the Month Beginning June 01, 2018 and Ending June 30, 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	(263.00) MWhr	(\$897.81)	\$0.00	(\$897.81)	4	
	Forward Loss Charge	0.00	(\$922.73)	\$0.00	(\$922.73)	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			(\$1,820.54)	\$0.00	(\$1,820.54)	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		(\$140.00)	\$7.85	(\$132.14)	11	
	Local Reliability Rule S, SC and D Charge		\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge		(\$140.00)	\$7.85	(\$132.14)	13	
	Market Administration and Control Area Service Charge		\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service		(\$78.99)	\$0.00	(\$78.99)	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		(\$109.28)	\$0.00	(\$109.28)	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 FIRM Portion		.20871 %			27	
	NYISO WIDE Uplift Charges		(\$8.56)	\$29.66	\$21.10	28	
	Residual Adjustments		(\$32.47)	\$0.00	(\$32.47)	29	
	Demand Response Uplift		\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)			(\$2,189.84)	\$37.51	(\$2,152.33)	31	
Adjustments			0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)			(\$2,189.84)	\$37.51	(\$2,152.33)	33	
TCC Credit			\$0.00	\$0.00	\$0.00	34	
Total			(\$2,189.84)	\$37.51	(\$2,152.33)	35	

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### NYPA ISO Billing Statement INVER01

For the Month Beginning June 01, 2018 and Ending June 30, 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	
	<b>Total Energy Settlement</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>3</b>	
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge (32.00) MWhr	(\$106.59)	\$0.00	(\$106.59)	4	
	Forward Loss Charge 0.00	(\$94.26)	\$0.00	(\$94.26)	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	
	<b>Total Transmission Use Settlement</b>	<b>(\$200.85)</b>	<b>\$0.00</b>	<b>(\$200.85)</b>	<b>8</b>	
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	(\$17.02)	\$0.95	(\$16.06)	11	
	Local Reliability Rule 8, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	<b>Total S, SC and D Charge</b>	<b>(\$17.02)</b>	<b>\$0.95</b>	<b>(\$16.06)</b>	<b>13</b>	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$9.61)	\$0.00	(\$9.61)	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	(\$13.34)	\$0.00	(\$13.34)	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
		<b>Total Black Start Service Charge</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>21</b>
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
	<b>Total Miscellaneous Charges</b>		<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>26</b>
	NIA TO RI INTER Portion	.02538 %		"	27	
	NYISO WIDE Uplift Charges	(\$1.01)	\$3.61	\$2.60	28	
	Residual Adjustments	(\$4.87)	\$0.00	(\$4.87)	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$246.70)	\$4.56	(\$242.14)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$246.70)	\$4.56	(\$242.14)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
<b>Total</b>		<b>(\$246.70)</b>	<b>\$4.56</b>	<b>(\$242.14)</b>	<b>35</b>	

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### NYPA ISO Billing Statement INVER01

For the Month Beginning June 01, 2018 and Ending June 30, 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	
	<b>Total Energy Settlement</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>3</b>	
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge (9.00) MWhr	(\$48.96)	\$0.00	(\$48.96)	4	
	Forward Loss Charge 0.00	(\$28.37)	\$0.00	(\$28.37)	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	
	<b>Total Transmission Use Settlement</b>	<b>(\$77.33)</b>	<b>\$0.00</b>	<b>(\$77.33)</b>	<b>8</b>	
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	(\$4.79)	\$0.27	(\$4.52)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	<b>Total S, SC and D Charge</b>	<b>(\$4.79)</b>	<b>\$0.27</b>	<b>(\$4.52)</b>	<b>13</b>	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$2.69)	\$0.00	(\$2.69)	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	(\$3.87)	\$0.00	(\$3.87)	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
	<b>Total Black Start Service Charge</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>21</b>	
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	
	<b>Total Miscellaneous Charges</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>26</b>	
	NIA TO RI PEAK Portion	.00714 %			27	
	NYISO WIDE Uplift Charges	(\$0.28)	\$1.01	\$0.73	28	
	Residual Adjustments	(\$0.83)	\$0.00	(\$0.83)	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$89.79)	\$1.28	(\$88.51)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$89.79)	\$1.28	(\$88.51)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
<b>Total</b>		<b>(\$89.79)</b>	<b>\$1.28</b>	<b>(\$88.51)</b>	<b>35</b>	

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**NYPA ISO Billing Statement INVER03**

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

User Reference	(NIA TO RI FIRM)	ISO	Adjustment	Adjusted Value	Line Item	
Energy Settlement	Forward Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	1	
	Balancing Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	2	
	<b>Total Energy Settlement</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>3</b>	
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge (280.00) MWhr	(\$1,726.96)	\$0.00	(\$1,726.96)	4	
	Forward Loss Charge 0.00	(\$954.92)	\$0.00	(\$954.92)	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	
	<b>Total Transmission Use Settlement</b>	<b>(\$2,681.88)</b>	<b>\$0.00</b>	<b>(\$2,681.88)</b>	<b>8</b>	
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	(\$145.18)	\$12.98	(\$132.20)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	<b>Total S, SC and D Charge</b>	<b>(\$145.18)</b>	<b>\$12.98</b>	<b>(\$132.20)</b>	<b>13</b>	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$78.14)	\$0.00	(\$78.14)	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	(\$124.27)	\$0.00	(\$124.27)	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
		<b>Total Black Start Service Charge</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>21</b>
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	
	<b>Total Miscellaneous Charges</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>26</b>	
	NIA TO RI FIRM Portion	.17174 %			27	
	NYISO WIDE Uplift Charges	(\$10.25)	(\$5.46)	(\$15.71)	28	
	Residual Adjustments	\$125.52	\$0.00	\$125.52	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$2,914.20)	\$7.51	(\$2,906.69)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$2,914.20)	\$7.51	(\$2,906.69)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
<b>Total</b>		<b>(\$2,914.20)</b>	<b>\$7.51</b>	<b>(\$2,906.69)</b>	<b>35</b>	

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### NYPA ISO Billing Statement INVER03

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

User Reference		(NIA TO RI INTER)	ISO	Adjustment	Adjusted Value	Line Item	
Energy Settlement	Forward Energy	0.00 MWhr	\$0.00	\$0.00	\$0.00	1	
	Balancing Energy	0.00 MWhr	\$0.00	\$0.00	\$0.00	2	
	Total Energy Settlement			\$0.00	\$0.00	\$0.00	3
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge	(100.00) MWhr	(\$851.67)	\$0.00	(\$851.67)	4	
	Forward Loss Charge	0.00	(\$362.57)	\$0.00	(\$362.57)	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			(\$1,214.24)	\$0.00	(\$1,214.24)	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		(\$50.12)	\$4.47	(\$45.64)	11	
	Local Reliability Rule S, SC and D Charge		\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge		(\$50.12)	\$4.47	(\$45.64)	13	
	Market Administration and Control Area Service Charge		\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service		(\$26.97)	\$0.00	(\$26.97)	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		(\$42.93)	\$0.00	(\$42.93)	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		.05922 %			27	
	NYISO WIDE Uplift Charges		(\$3.55)	(\$1.88)	(\$5.43)	28	
	Residual Adjustments		\$45.11	\$0.00	\$45.11	29	
	Demand Response Uplift		\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)			(\$1,292.69)	\$2.59	(\$1,290.10)	31	
Adjustments			0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)			(\$1,292.69)	\$2.59	(\$1,290.10)	33	
TCC Credit			\$0.00	\$0.00	\$0.00	34	
Total			(\$1,292.69)	\$2.59	(\$1,290.10)	35	

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### NYPA ISO Billing Statement INVER03

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

User Reference		(NIA TO RI PEAK)	ISO	Adjustment	Adjusted Value	Line Item
Energy Settlement	Forward Energy	0.00 MWhr	\$0.00	\$0.00	\$0.00	1
	Balancing Energy	0.00 MWhr	\$0.00	\$0.00	\$0.00	2
	Total Energy Settlement			\$0.00	\$0.00	\$0.00
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge	(9.00) MWhr	(\$52.39)	\$0.00	(\$52.39)	4
	Forward Loss Charge	0.00	(\$34.44)	\$0.00	(\$34.44)	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			(\$86.83)	\$0.00	(\$86.83)
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)	\$0.40	(\$4.09)	11
	Local Reliability Rule S, SC and D Charge		\$0.00	\$0.00	\$0.00	12
	Total S, SC and D Charge		(\$4.49)	\$0.40	(\$4.09)	13
	Market Administration and Control Area Service Charge		\$0.00	\$0.00	\$0.00	14
	Voltage Support Service		(\$2.43)	\$0.00	(\$2.43)	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		(\$3.73)	\$0.00	(\$3.73)	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 PEAK Portion		.00533 %			27
	NYISO WIDE Uplift Charges		(\$0.32)	(\$0.17)	(\$0.49)	28
	Residual Adjustments		\$3.64	\$0.00	\$3.64	29
	Demand Response Uplift		\$0.00	\$0.00	\$0.00	30
Monthly Transmission Customer Payment/(Charge)			(\$94.16)	\$0.23	(\$93.92)	31
Adjustments			0	\$0.00	\$0.00	32
Net Transmission Customer Payment/(Charge)			(\$94.16)	\$0.23	(\$93.92)	33
TCC Credit			\$0.00	\$0.00	\$0.00	34
Total			(\$94.16)	\$0.23	(\$93.92)	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: 6100068303

Billing Period: July 2018  
Invoice Date: August 14, 2018  
Payment Due: September 04, 2018

Business Partner:	3820		
Contract Account:	200000623		
Previous Balance	\$	17,919.96	
Payment Received	\$	17,919.96	
Past Due Balance	\$	0.00	
Current Charges	\$	18,122.99	
Late Charges	\$	0.00	

TOTAL AMOUNT DUE \$ 18,122.99

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 (0159)  
ISO AND IOU CHARGES ARE FOR JUNE V1 AND OCTOBER V3.  
RHODE ISLAND  
EMAIL TO: hround@puat-ri.org

*St Lawrence*

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

RHODE ISLAND PUBLIC UTILITIES COMMISSION  
 Contract Account: 200008523  
 Invoice Number: 610008303  
 Service Tariff: SL-1, SL-2  
 Allocation: 1,000

Billing Period: July 2018  
 Current Reading Date: July 31, 2018  
 Previous Reading Date: June 30, 2018  
 Hours This Period: 744

Description	Quantity	Rate	Amount
Demand (KW)			
Firm	1,000	\$4.07000	\$ 4,070.00
Subtotal			\$ 4,070.00
Energy (KWH)			
Firm Hydro	509,000	\$0.00492	\$ 2,504.28
Interruptible	145,000	\$0.00492	\$ 713.40
Subtotal	<u>654,000</u>		\$ 3,217.68
NY Independent System Operator			
Ancillary Service			\$ 744.03
TUC Charge			\$ 10,091.44
Subtotal			\$ 10,835.47
True-up Charges/Credits			
ISO True-up Vers. 2			\$ - 0.16
Subtotal			\$ - 0.16
<b>TOTAL CURRENT CHARGES</b>			<b>\$ 18,122.99</b>

*St Lawrence*



**NYPA ISO Billing Statement INVER01**

For the Month Beginning June 01, 2018 and Ending June 30, 2018

Line Item	Adjusted Value	Adjustment	ISO	(STL TO RI FIRM)	User Reference
1	\$0.00	\$0.00	\$0.00	0.00 MWH	Energy Settlement
2	\$0.00	\$0.00	\$0.00	0.00 MWH	Balancing Energy
3	\$0.00	\$0.00	\$0.00		Total Energy Settlement
4	(\$6,663.67)	\$0.00	(\$6,663.67)	0.00 MWH	Forward Congestion Charge
5	(\$1,744.88)	\$0.00	(\$1,744.88)	0.00 MWH	Forward Loss Charge
6	\$0.00	\$0.00	\$0.00	0.00 MWH	Balancing Congestion Charge
7	\$0.00	\$0.00	\$0.00	0.00	Balancing Loss Charge
8	(\$8,408.53)	\$0.00	(\$8,408.53)		Total Transmission Use Settlement
9	\$0.00	\$0.00	\$0.00		Total Transmission Service Charge Settlement
10	\$0.00	\$0.00	\$0.00		NYPA Transmission Access Charge (NIAC)
11	(\$250.72)	\$14.90	(\$265.62)		Auxiliary Service
12	\$0.00	\$0.00	\$0.00		Local Reliability Rule S,SC and D Charge
13	(\$250.72)	\$14.90	(\$265.62)		Total S, SC and D Charge
14	\$0.00	\$0.00	\$0.00		Market Administration and Control Area Service Charge
15	(\$149.88)	\$0.00	(\$149.88)		Voltage Support Service
16	\$0.00	\$0.00	\$0.00		Regulation and Frequency Response Service
17	\$0.00	\$0.00	\$0.00		Energy Imbalance Service Charge
18	(\$207.39)	\$0.00	(\$207.39)		Operating Reserve Service Charge
19	\$0.00	\$0.00	\$0.00		Black Start Service Charge
20	\$0.00	\$0.00	\$0.00		Local Reliability Rule Black Start Service Charge
21	\$0.00	\$0.00	\$0.00		Total Black Start Service Charge
22	\$0.00	\$0.00	\$0.00		Installed Capacity Deficiency Charge
23	\$0.00	\$0.00	\$0.00		Miscellaneous Charges
24	\$0.00	\$0.00	\$0.00		Rochester Station 80 Capacitor Banks
25	\$0.00	\$0.00	\$0.00		Ramapo Phase Angle Regulator
26	\$0.00	\$0.00	\$0.00		PJM Transmission Overuse
27	\$40.03	\$56.27	(\$16.26)		STL TO RI FIRM Portion
28	\$0.00	\$0.00	\$0.00		NVISO WIDE Uplift Charges
29	(\$64.26)	\$0.00	(\$64.26)		Residual Adjustments
30	\$0.00	\$0.00	\$0.00		Demand Response Uplift
31	(\$9,040.76)	\$71.17	(\$9,111.93)		Monthly Transmission Customer Payment/(Charge)
32	\$0.00	\$0.00	0		Adjustments
33	(\$9,040.76)	\$71.17	(\$9,111.93)		Net Transmission Customer Payment/(Charge)
34	\$0.00	\$0.00	\$0.00		TCC Credit
35	(\$9,040.76)	\$71.17	(\$9,111.93)		Total

For the Month Beginning June 01, 2018 and Ending June 30, 2018

**NYPA ISO Billing Statement INVER01**

v

Line Item	Adjusted Value	ISO	(STL TO RI INTER)	Adjustment
1	\$0.00	\$0.00	0.00 MWhr	\$0.00
2	\$0.00	\$0.00	0.00 MWhr	\$0.00
3	\$0.00	\$0.00	Total Energy Settlement	\$0.00
4	(\$1,355.08)	(\$1,355.08)	Forward Congestion Charge	(\$1,355.08)
5	(\$327.83)	(\$327.83)	Forward Loss Charge	(\$327.83)
6	\$0.00	\$0.00	Balancing Congestion Charge	\$0.00
7	\$0.00	\$0.00	Balancing Loss Charge	\$0.00
8	(\$1,682.91)	(\$1,682.91)	Total Transmission Use Settlement	(\$1,682.91)
9	\$0.00	\$0.00	Total Transmission Service Charge	\$0.00
10	\$0.00	\$0.00	NYPA Transmission Access Charge (NTAC)	\$0.00
11	(\$43.70)	(\$43.70)	Scheduling, System Control Dispatch Service	(\$43.70)
12	\$0.00	\$0.00	Local Reliability Rule S, SC and D Charge	\$0.00
13	(\$43.70)	(\$43.70)	Total S, SC and D Charge	(\$43.70)
14	\$0.00	\$0.00	Market Administration and Control Area Service Charge	\$0.00
15	(\$26.13)	(\$26.13)	Voltage Support Service	(\$26.13)
16	\$0.00	\$0.00	Regulation and Frequency Response Service	\$0.00
17	\$0.00	\$0.00	Energy Imbalance Service Charge	\$0.00
18	(\$36.16)	(\$36.16)	Operating Reserve Service Charge	(\$36.16)
19	\$0.00	\$0.00	Black Start Service Charge	\$0.00
20	\$0.00	\$0.00	Local Reliability Rule Black Start Service Charge	\$0.00
21	\$0.00	\$0.00	Total Black Start Service Charge	\$0.00
22	\$0.00	\$0.00	Installed Capacity Deficiency Charge	\$0.00
23	\$0.00	\$0.00	Miscellaneous Charges	\$0.00
24	\$0.00	\$0.00	Rochester Station 80 Capacitor Banks	\$0.00
25	\$0.00	\$0.00	Ramapo Phase Angle Regulator	\$0.00
26	\$0.00	\$0.00	PJM Transmission Overuse	\$0.00
27	\$0.00	\$0.00	Total Miscellaneous Charges	\$0.00
28	\$0.00	\$0.00	STL TO RI INTER Portion	\$0.00
29	\$7.01	(\$2.80)	NYISO WIDE Uplift Charges	\$9.81
30	\$0.00	(\$12.83)	Residual Adjustments	\$0.00
31	\$0.00	\$0.00	Demand Response Uplift	\$0.00
32	\$0.00	0	Monthly Transmission Customer Payment/(Charge)	\$0.00
33	(\$1,794.72)	(\$1,807.13)	Net Transmission Customer Payment/(Charge)	(\$1,794.72)
34	\$0.00	\$0.00	TCC Credit	\$0.00
35	(\$1,794.72)	(\$1,807.13)	Total	(\$1,794.72)

**NYP&A ISO Billing Statement INVER03**

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

Line Item	Adjusted Value	ISO	Adjustment	User Reference
1	\$0.00		\$0.00	Forward Energy
2	\$0.00		\$0.00	Balancing Energy
3	\$0.00		\$0.00	Total Energy Settlement
4	(\$4,810.10)	MWHR	(\$4,810.10)	Forward Congestion Charge
5	(\$2,046.63)	0.00	(\$2,046.63)	Forward Loss Charge
6	\$0.00	MWHR	\$0.00	Balancing Congestion Charge
7	\$0.00	0.00	\$0.00	Balancing Loss Charge
8	(\$6,856.73)		(\$6,856.73)	Total Transmission Use Settlement
9	\$0.00		\$0.00	Total Transmission Service Charge Settlement
10	\$0.00		\$0.00	NYP&A Transmission Access Charge (NTAC)
11	(\$220.63)		\$21.66	Scheduling, System Control Dispatch Service
12	\$0.00		\$0.00	Local Reliability Rule 5, 5C and D Charge
13	(\$220.63)		\$21.66	Total 5, 5C and D Charge
14	\$0.00		\$0.00	Market Administration and Control Area Service Charge
15	(\$130.18)		\$0.00	Voltage Support Service
16	\$0.00		\$0.00	Regulation and Frequency Response Service
17	\$0.00		\$0.00	Energy Imbalance Service Charge
18	(\$208.37)		\$0.00	Operating Reserve Service Charge
19	\$0.00		\$0.00	Black Start Service Charge
20	\$0.00		\$0.00	Local Reliability Rule Black Start Service Charge
21	\$0.00		\$0.00	Total Black Start Service Charge
22	\$0.00		\$0.00	Installed Capacity Deficiency Charge
23	\$0.00		\$0.00	Miscellaneous Charges
24	\$0.00		\$0.00	Rochester Station 80 Capacitor Banks
25	\$0.00		\$0.00	Ramapo Phase Angle Regulator
26	\$0.00		\$0.00	PJM Transmission Overuse
27	(\$25.96)		(\$9.12)	STL TO RI FIRM Portion
28	\$0.00		\$0.00	NYISO WIDE Uplift Charges
29	\$198.49		\$0.00	Residual Adjustments
30	\$0.00		\$0.00	Demand Response Uplift
31	(\$7,243.38)		\$12.54	Monthly Transmission Customer Payment/(Charge)
32	\$0.00		0	Adjustments
33	(\$7,243.38)		\$12.54	Net Transmission Customer Payment/(Charge)
34	\$0.00		\$0.00	TCC Credit
35	(\$7,243.38)		\$12.54	Total

**NYP& ISO Billing Statement INVER03**

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

Line Item	Adjusted Value	Adjustment	ISO	(STL TO RI INTER)	User Reference
1	\$0.00	\$0.00	\$0.00	0.00 MWH	Energy Settlement
2	\$0.00	\$0.00	\$0.00	0.00 MWH	Forward Energy
3	\$0.00	\$0.00	\$0.00	0.00 MWH	Balancing Energy
4	(\$4,651.84)	\$0.00	(\$4,651.84)	(464.00) MWH	Forward Congestion Charge
5	(\$1,993.37)	\$0.00	(\$1,993.37)	0.00 MWH	Forward Loss Charge
6	\$0.00	\$0.00	\$0.00	0.00 MWH	Balancing Congestion Charge
7	\$0.00	\$0.00	\$0.00	0.00	Balancing Loss Charge
8	(\$6,646.01)	\$0.00	(\$6,646.01)		Total Transmission Use Settlement
9	\$0.00	\$0.00	\$0.00		Total Transmission Service Charge Settlement
10	\$0.00	\$0.00	\$0.00		NYP& Transmission Access Charge (NTAC)
11	(\$211.53)	\$20.76	(\$232.29)		Scheduling, System Control Dispatch Service
12	\$0.00	\$0.00	\$0.00		Local Reliability Rule S, SC and D Charge
13	(\$211.53)	\$20.76	(\$232.29)		Total S, SC and D Charge
14	\$0.00	\$0.00	\$0.00		Market Administration and Control Area Service Charge
15	(\$124.85)	\$0.00	(\$124.85)		Voltage Support Service
16	\$0.00	\$0.00	\$0.00		Regulation and Frequency Response Service
17	\$0.00	\$0.00	\$0.00		Energy Imbalance Service Charge
18	(\$199.57)	\$0.00	(\$199.57)		Operating Reserve Service Charge
19	\$0.00	\$0.00	\$0.00		Black Start Service Charge
20	\$0.00	\$0.00	\$0.00		Local Reliability Rule Black Start Service Charge
21	\$0.00	\$0.00	\$0.00		Total Black Start Service Charge
22	\$0.00	\$0.00	\$0.00		Installed Capacity Deficiency Charge
23	\$0.00	\$0.00	\$0.00		Miscellaneous Charges
24	\$0.00	\$0.00	\$0.00		Rochester Station 80 Capacitor Banks
25	\$0.00	\$0.00	\$0.00		Ramapo Phase Angle Regulator
26	\$0.00	\$0.00	\$0.00		PJM Transmission Overuse
27	(\$24.90)	(\$8.74)	(\$16.16)	2.7479 %	STL TO RI INTER Portion
28	\$192.68	\$0.00	\$192.68		Residual Adjustments
29	\$0.00	\$0.00	\$0.00		Demand Response Uplift
30	\$0.00	\$0.00	\$0.00		
31	(\$7,013.17)	\$12.02	(\$7,025.19)		Monthly Transmission Customer Payment/(Charge)
32	\$0.00	\$0.00	0		Adjustments
33	(\$7,013.17)	\$12.02	(\$7,025.19)		Net Transmission Customer Payment/(Charge)
34	\$0.00	\$0.00	\$0.00		TCC Credit
35	(\$7,013.17)	\$12.02	(\$7,025.19)		Total

Received: 8-29-18  
 Approved: Hja  
 GL Account: 565.00 - JULY  
 Vendor #: \_\_\_\_\_  
 Invoice #: \_\_\_\_\_

PASCOAG UTILITY DISTRICT  
 253 Pascoag Main Street  
 P.O. BOX 107  
 PASCOAG, RI 02869  
 ATTN: JUDY ALLAIRE

DATE 22-Aug-18  
 INVOICE # 800277372  
 NETWORK TRANSMISSION SERVICE  
 CLA010-25.18-19.053  
 July-18

COINCIDENT NETWORK LOAD - PTF					11,820 KW	
COINCIDENT NETWORK LOAD - NON-PTF					11,820 KW	
LOAD RATIO SHARE - PTF					0.0017573	
LOAD RATIO SHARE - NON-PTF					0.0019322	
TOTAL MONTHLY TRANSMISSION SYSTEM EXPENSE - PTF					-57,574,473.34	
TOTAL MONTHLY TRANSMISSION SYSTEM EXPENSE - NON-PTF					\$10,056,212.68	
<b>MONTHLY DEMAND CHARGE</b>						
	PTF	-\$7,574,473.34	X	0.0017573	*	-\$13,310.25
	NON-PTF	\$10,056,212.68	X	0.0019322	*	\$19,430.75
<b>TRANSFORMER SURCHARGE</b>						
		11,885	X	0.37	-	\$4,438.15
<b>METER SURCHARGE</b>						
		1.00	X	\$65.28	=	\$65.28
	ADJUSTMENT					\$0.00
	LOAD DISPATCH CHG					-\$5.51
	INTEREST REFUND					\$0.00
	LOAD RATIO REBILL ADJ.					-\$185.51
	<b>TOTAL TRANSMISSION CHARGE</b>					<b>\$10,422.91</b>
	<b>Total Bill</b>					<b>\$10,422.91</b>

PEAK LOAD FOR BILLING MONTH: 07/5/2018 8:08:00 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 July 2018

**Monthly Demand Charge (PTF):**

PTF Transmission Rate	\$27,900,798
Less: NEPOOL RNS revenue received	-35,475,271
<b>Monthly Demand Charge (PTF)</b>	<b>-\$7,574,473</b>

**Monthly Non-PTF Demand Charge:**

A Return and Associated Income Taxes (see detail below)	\$14,428,201
B Transmission Depreciation Expense	5,180,704
C Transmission-Related Amortization of Loss on Reacquired Debt	0
D Transmission-Related Amortization of Investment Tax Credits	-23,374
E Transmission-Related Amortization of FAS 109	0
F Transmission-Related Municipal Tax Expense	3,958,836
G Transmission Operation and Maintenance Expense	8,520,247
H Transmission-Related Administrative and General Expense	0
I Transmission-Related Integrated Facilities Credit	8,288,560
J Transmission Revenue Credit	-31,460,282
K Distribution-Related Integrated Facilities Credit	0
* L Billing Adjustments	1,139,854
M Reactive Power Expense	0
N Bad Debt Expense	23,466
<b>Monthly Non-PTF Demand Charge</b>	<b>\$10,056,213</b>

Detail - Return and Associated Income Taxes:

Transmission Investment Base	\$1,652,084,084	
Weighted cost of capital	10.480%	**
Return and Associated Income Taxes - Annual	\$173,138,412	
Return and Associated Income Taxes - Month	\$14,428,201	

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

\* Billing adjustment to Net Benefit Costs for prior quarter

**INVOICE**  
 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: 800273620  
 Invoice Date: 08/01/2018  
 Customer Number: 200000175  
 Payment Terms: Net 30  
 Due Date: 08/31/2018  
 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 : July 01, 2018 - July 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 :

**TOTAL AMOUNT DUE:**

Received:	AUG 07 2018
Approved:	<i>[Signature]</i>
GL Account:	565.00 - July
Vendor #:	
Invoice #:	

5,991.00

0.00

**\$5,991.00**

**PLEASE DETACH AND RETURN THIS STUB IN THE ENVELOPE PROVIDED**

Make checks payable to National Grid

Mail Payment to:

Invoice No: 800273620  
 Invoice Date: 08/01/2018  
 Customer Number: 200000175  
 Due Date: 08/31/2018

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

**AMOUNT DUE: \$5,991.00**

Enclosed: \_\_\_\_\_



# Invoice

Date	Invoice #
7/31/2018	18213

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

GL 555

Terms	Due Date
Net 15	8/15/2018

Description	Amount
July 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
<b>Total</b>	<b>\$7,483.00</b>

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 #
8/8/2018	18190

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

Terms	Due Date
Net 6	8/14/2018

Quantity in MWH	Description	Amount
July 2018		
94.164	Energy Purchase Spruce Mountain Wind	9,345.74
68.813	Energy Purchase Brown Bear II Hydro	3,436.54
3,231.155	Energy Purchase PSEG	147,825.34
	Financial Settlement PSEG	781.44
372	Energy Purchase NextEra	14,508.00
51.208	Energy Purchase Canton Mountain Wind	5,144.35
496	Option Energy Purchase NextEra	18,989.76
	Option Monthly Fixed Energy Cost NextEra	6,960.00
	UCAP Purchase NextEra	2,510.00
<del>4313.340</del>	Financial Settlement NextEra UCAP	-9,541.00
	Jun 18 Hydro Quebec Use Right Payment	-719.64
	Jun 18 Hydro Quebec HQICC Payment	-2,207.12
	June 18 Spruce Mountain Wind FCM Credit	-588.32
<b>Total</b>		\$196,445.09

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

**Jun-18**

**Use Right Payment**

# of Hours 720  
 MW 30  
 MWH 22712  
 Calendar Price 4.651589468  
 Total GMP Revenue \$\$ 105646.9  
 Total Rev \$\$ \$ 84,517.52  
 80%

GMP Payment Date 7/30/2018  
 GMP Payment \$\$ \$ 84,517.52

75% Total Participant Rev \$\$ \$ 79,235.20  
 5% Net ENE Fee \$ 5,282.32

Participant Pro - Rated Firm MW Revenue  
 Pascoag Fire District - Electric Dept. 0.272468169 \$ 719.64

**Jun-18**

**HQICC Payment**

MW 26.2097508  
 NRCF \$ 9.2683221  
 Total GMP Revenue \$\$ \$ 242,920.41  
 Total Rev \$\$ \$ 242,920.41  
 100%

GMP Payment Date 7/20/2018  
 GMP Payment \$\$ \$ 242,920.41

Participant Pascoag Fire District - Electric Dept. MW Revenue  
 0.23813600 \$ 2,207.12

	Phase I	Participant %	Participant MW	Participant MW
Total MW	412.00	0.02285%	0.09414200	
	Phase II	Participant %	Participant MW	Participant MW
Total MW	618.00	0.02330%	0.14399400	
	Totals HQICC MW			
	1,030.00			0.23813600

Total \$ 2,926.76



# ENE

Energy New England

## Invoice

Date	Invoice #
8/13/2018	18170

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

Energy Monthly 207,881.34  
 Energy weekly (\$ 3,149.08)  
 Transmission \$ 96,269.47

Terms	Due Date
Net 4	8/17/2018

Quantity in MWH	Description	Amount
July 2018		
-6.598	ISO Invoice # 294254 Activity 7/11 - 7/15 (Apply Credit Memo # 18171)	-904.63
-9.934	ISO Invoice # 294534 Activity 7/16 - 7/18 (Apply Credit Memo # 18171)	98.25
0.091	ISO Invoice # 294802 Activity 7/19 - 7/22 (Apply Credit Memo # 18186)	-360.60
-13.605	ISO Invoice # 295045 Activity 7/23 - 7/25 (Apply Credit Memo # 18186)	-299.92
-14.052	ISO Invoice # 295325 Activity 7/26 - 7/29	-330.74
1.142	ISO Invoice # 295577 Activity 7/30 - 7/31	533.57
	ISO Invoice # 295845 Activity 7/31 NCPC, Regulation & Reserve Market	128.33
	ISO Invoice # 296116 July Monthly Charges	304,150.81
-1.523	ISO Invoice # 295577 Activity 8/01	-176.17
-20.245	ISO Invoice # 295845 Activity 8/02 - 8/05	-1,508.94
-16.915	ISO Invoice # 296116 Activity 8/06 - 8/07	-328.23
<u>-81,639</u>		
<b>Total</b>		\$301,001.73

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, August 13, 2018 3:07 PM  
**To:** Cathleen L. Gilmour; Harle Round; Michael Kirkwood  
**Subject:** PUD Weekly ISO Invoice- MONTHLY  
**Attachments:** PUD ISO Invoice 8-8-18.xlsx; PUD ISO Invoice 8-13-18.xlsx; PUD 18170 ISO 8-13-18.pdf

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
08/08/18	295845	\$128.33 ✓	08/14/18	7/31 NCP, Regulation & Reserve Market	
08/08/18	295845	(\$1,508.94) ✓	08/14/18	8/02 - 8/05	(20.245)

**Total Invoice: (\$1,380.61)**

08/13/18	296116	\$304,150.81 ✓	08/15/18	Monthly Charges - July	
08/13/18	296116	(\$328.23) ✓	08/15/18	8/06 - 8/07	(16.915)

**Total Invoice: \$303,822.58**

Attached is the ENE invoice for last month:

08/13/18	18170	\$301,001.73	08/17/18
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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](mailto:accounting@ene.org)

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	295845
Document Date	8/8/2018
Due Date	8/14/2018
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	\$1,380.61

Energy Activity Start Date: 8/2/2018  
Energy Activity End Date: 8/5/2018

Customer Id 116

Net Amount Row Labels	Column Labels	
	8/31/2018	7/31/2018
<b>DA / RT Energy</b>	<b>\$1,632.33</b>	
Day-Ahead Energy	\$1,020.09	
Real-Time Energy	\$612.24	
<b>Ancillary Charges</b>	<b>(\$123.39)</b>	<b>(\$128.33)</b>
Day-Ahead NCPC	(\$4.08)	(\$2.83)
Real-Time NCPC	(\$12.32)	(\$1.09)
Regulation	(\$21.11)	(\$24.17)
Reserve Market	(\$85.88)	(\$100.24)
<b>Grand Total</b>	<b>\$1,508.94</b>	<b>(\$128.33)</b>

MW (20.245)



# Credit Memo

Date	Credit No.
7/23/2018	18171

<b>Customer</b>
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
	July 2018	
-6.598	ISO Invoice # 294254 Activity 7/11 - 7/15	-904.63
-9.934	ISO Invoice # 294534 Activity 7/16 - 7/18	98.25

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

<b>Total</b>	\$-806.38
<b>Invoices</b>	\$0.00
<b>Balance Credit</b>	\$-806.38

## Harle Round

---

**From:** Accounting <accounting@ene.org>  
**Sent:** Monday, July 23, 2018 1:07 PM  
**To:** Cathleen L. Gilmour; Harle Round; Michael Kirkwood  
**Subject:** PUD Weekly ISO Invoice  
**Attachments:** PUD ISO Invoice 7-18-18.xlsx; PUD ISO Invoice 7-23-18.xlsx; PUD 18171 CM ISO 7-23-18.pdf

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
07/18/18	294254	(\$904.63)	07/24/18	7/11 - 7/15	(6.598)

**Total Invoice: (\$904.63)**

07/23/18	294534	\$98.25	07/25/18	7/16 - 7/18	(9.934)

**Total Invoice: \$98.25**

Attached is the ENE credit memo for these ISO invoices:

<b>Credit Memo #</b>	18171	<b>(\$806.38)</b>
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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](mailto:accounting@ene.org)

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	294254
Document Date	7/18/2018
Due Date	7/24/2018
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	\$904.63

Energy Activity Start Date: 7/11/2018  
Energy Activity End Date: 7/15/2018

Customer Id	116
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Net Amount Row Labels	Column Labels 7/31/2018
<b>DA / RT Energy</b>	<b>\$1,193.90</b>
Day-Ahead Energy	\$1,260.21
Real-Time Energy	(\$66.31)
<b>Ancillary Charges</b>	<b>(\$289.27)</b>
Day-Ahead NCPC	(\$7.02)
Real-Time NCPC	(\$8.54)
Regulation	(\$44.60)
Reserve Market	(\$229.11)
<b>Grand Total</b>	<b>\$904.63</b>

MW (6.598)



BL INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	294534
Document Date	7/23/2018
Due Date	7/25/2018
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	-\$98.25

Energy Activity Start Date: 7/16/2018  
Energy Activity End Date: 7/18/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	7/31/2018
<b>DA / RT Energy</b>	<b>\$607.18</b>
Day-Ahead Energy	\$891.74
Real-Time Energy	(\$284.56)
<b>Ancillary Charges</b>	<b>(\$705.43)</b>
Day-Ahead NCPC	(\$27.60)
Real-Time NCPC	(\$98.46)
Regulation	(\$133.77)
Reserve Market	(\$445.60)
<b>Grand Total</b>	<b>(\$98.25)</b>

MW (9.934)

## Harle Round

---

**From:** Accounting <accounting@ene.org>  
**Sent:** Monday, August 6, 2018 1:20 PM  
**To:** Cathleen L. Gilmour; Harle Round; Michael Kirkwood  
**Subject:** PUD Weekly ISO Invoice  
**Attachments:** PUD ISO Invoice 8-1-18.xlsx; PUD ISO Invoice 8-6-18.xlsx

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
08/01/18	295325	(\$330.74) ✓	08/07/18	7/26 - 7/29	(14.052)

**Total Invoice: (\$330.74)**

08/06/18	295577	\$533.57 ✓	08/08/18	7/30 - 7/31	1.142
08/06/18	295577	(\$176.17) ✓	08/08/18	8/01	(1.523)

**Total Invoice: \$357.40**

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](mailto:accounting@ene.org)

BL INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	296116
Document Date	8/13/2018
Due Date	8/15/2018
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	\$303,822.58

Energy Activity Start Date: 8/6/2018  
Energy Activity End Date: 8/7/2018

Customer Id 116

Net Amount Row Labels	Column Labels		
	8/31/2018	7/31/2018	6/30/2018
<b>DA / RT Energy</b>	<b>\$2,401.16</b>		<b>\$164.89</b>
Day-Ahead Energy	\$2,581.64		\$0.00
Real-Time Energy	(\$180.48)		\$164.89
<b>Ancillary Charges</b>	<b>(\$2,072.93)</b>		<b>(\$3.08)</b>
Day-Ahead NCPC	(\$14.56)		\$0.00
Real-Time NCPC	(\$118.12)		(\$2.89)
Regulation	(\$210.27)		\$0.59
Reserve Market	(\$1,729.88)		(\$0.96)
Transitional Demand Response			\$0.18
<b>ARR Revenues</b>		<b>\$728.03</b>	<b>(\$1.06)</b>
ARR Long Term Off-Peak Alloc		\$122.58	(\$0.11)
ARR Long Term On-Peak Alloc		\$162.06	(\$0.14)
ARR Monthly Off-Peak Alloc		\$201.11	(\$0.38)
ARR Monthly On-Peak Alloc		\$242.28	(\$0.43)
<b>FCM</b>		<b>(\$200,167.27)</b>	<b>(\$0.02)</b>
FCM Import Penalty Credit			\$0.00
Forfeited Financial Assurance		\$0.12	\$0.00
Forward Capacity Market Charge		(\$200,167.39)	(\$0.02)
<b>Schedule Charges</b>		<b>(\$1,121.62)</b>	<b>(\$7,481.21)</b>
ISO Schedule 2			(\$4,889.18)
ISO Schedule 3 Peak			(\$2,527.31)
ISO Schedule 5 NESCOE			(\$64.72)
Participant Expenses		(\$1,121.62)	
<b>OATT Charges</b>			<b>(\$96,269.47)</b>
ISO Schedule 1 RNS			(\$1,786.27)
ISO Schedule 1 TOUT			\$33.07
OATT Schedule 1 RNS			(\$1,321.58)
OATT Schedule 9 RNS			(\$91,904.06)
OATT-Schedule 16 Blackstart			(\$548.70)
OATT-Schedule 2 VAR			(\$741.93)
<b>Grand Total</b>	<b>\$328.23</b>	<b>(\$200,560.86)</b>	<b>(\$103,589.95)</b>

MW (16.915)

\$ (304,150.81)

BL INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	295325
Document Date	8/1/2018
Due Date	8/7/2018
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	\$330.74

Energy Activity Start Date: 7/26/2018  
Energy Activity End Date: 7/29/2018

Customer Id	116
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Net Amount	Column Labels
Row Labels	7/31/2018
<b>DA / RT Energy</b>	<b>\$658.81</b>
Day-Ahead Energy	\$514.23
Real-Time Energy	\$144.58
<b>Ancillary Charges</b>	<b>(\$328.07)</b>
Day-Ahead NCPC	(\$4.17)
Real-Time NCPC	(\$39.79)
Regulation	(\$60.06)
Reserve Market	(\$224.05)
<b>Grand Total</b>	<b>\$330.74</b>

MW (14.052)

**BL\_INVOICE**

**Invoice / Remittance Advice**

**Pascoag**

Customer ID	116
Invoice Number	295577
Document Date	8/6/2018
Due Date	8/8/2018
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	-\$357.40

Energy Activity Start Date:      8/1/2018      7/30/2018  
 Energy Activity End Date:      8/1/2018      7/31/2018

Customer Id      116

Net Amount Row Labels	Column Labels	
	8/31/2018	7/31/2018
<b>DA / RT Energy</b>	<b>\$176.17</b>	<b>(\$73.08)</b>
Day-Ahead Energy	\$178.72	(\$613.79)
Real-Time Energy	(\$2.55)	\$540.71
<b>Ancillary Charges</b>		<b>(\$460.49)</b>
Day-Ahead NCPC		(\$31.08)
Real-Time NCPC		(\$28.44)
Regulation		(\$103.67)
Reserve Market		(\$297.30)
<b>Grand Total</b>	<b>\$176.17</b>	<b>(\$533.57)</b>

MW      (1.523)      1.142



# Credit Memo

Date	Credit No.
7/30/2018	18186

<b>Customer</b>
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
	July 2018	
0.091	ISO Invoice # 294802 Activity 7/19 - 7/22	-360.60
-13.605	ISO Invoice # 295045 Activity 7/23 - 7/25	-299.92

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

<b>Total</b>	\$-660.52
<b>Invoices</b>	\$0.00
<b>Balance Credit</b>	\$-660.52

## Harle Round

---

**From:** Accounting <accounting@ene.org>  
**Sent:** Monday, July 30, 2018 12:46 PM  
**To:** Cathleen L. Gilmour; Harle Round; Michael Kirkwood  
**Subject:** PUD Weekly ISO Invoice  
**Attachments:** PUD ISO Invoice 7-25-18.xlsx; PUD ISO Invoice 7-30-18.xlsx; PUD 18186 CM ISO 7-30-18.pdf

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
07/25/18	294802	(\$360.60)	07/31/18	7/19 - 7/22	0.091

**Total Invoice: (\$360.60)**

07/30/18	295045	(\$299.92)	08/03/18	7/23 - 7/25	(13.605)

**Total Invoice: (\$299.92)**

Attached is the ENE credit memo for these ISO invoices:

<b>Credit Memo #</b>	18186	<b>(\$660.52)</b>
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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](mailto:accounting@ene.org)

BL INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	294802
Document Date	7/25/2018
Due Date	7/31/2018
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	\$360.60

Energy Activity Start Date: 7/19/2018  
Energy Activity End Date: 7/22/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	7/31/2018
<b>DA / RT Energy</b>	<b>\$624.99</b>
Day-Ahead Energy	\$67.86
Real-Time Energy	\$557.13
<b>Ancillary Charges</b>	<b>(\$264.39)</b>
Day-Ahead NCPC	(\$1.68)
Real-Time NCPC	(\$15.62)
Regulation	(\$40.02)
Reserve Market	(\$207.07)
<b>Grand Total</b>	<b>\$360.60</b>

MW 0.091



BL INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	295045
Document Date	7/30/2018
Due Date	8/3/2018
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	\$299.92

Energy Activity Start Date: 7/23/2018  
Energy Activity End Date: 7/25/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	7/31/2018
<b>DA / RT Energy</b>	<b>\$875.33</b>
Day-Ahead Energy	\$737.99
Real-Time Energy	\$137.34
<b>Ancillary Charges</b>	<b>(\$575.41)</b>
Day-Ahead NCPC	(\$16.49)
Real-Time NCPC	(\$80.75)
Regulation	(\$133.04)
Reserve Market	(\$345.13)
<b>Grand Total</b>	<b>\$299.92</b>

MW (13.605)

# Invoice



Date	Invoice #
8/23/2018	18341

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

Terms	Due Date
Net 15	9/7/2018

Description	Amount
Reimbursement for Constant Energy Capital Inv# PASC-09: Transmission 06/2018	2,392.67
Reimbursement for Constant Energy Capital Inv# PASC-09: Energy 07/2018	1,358.98
<i>Kwh 7218.8</i>	
<b>Total</b>	<b>\$3,751.65</b>

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  
 217 Commercial Street  
 Suite 402  
 Portland, ME 04101  
 Tel: 207-494-5009  
 Email: [billing@constantenergycap.com](mailto:billing@constantenergycap.com)

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

Date: 20-Aug-18  
 Invoice #: PASC-09  
 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)
6/18/2018 HE 18	June 2018	9.33470	284.80	\$ 2,658.52	90%	\$ 2,392.67
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%	\$ -
<b>Energy Charge Service Fee <sup>(1)</sup></b>	<b>Billing Period:</b>	<b>7/1/2018 to 7/31/2018</b>				<b>\$ 1,358.98</b>
<b>Energy Service Fee Rebate</b>						\$ -
<b>ISO-NE Program Service Fee Rebate</b>						\$ -
<b>Total Amount Due</b>						<b>\$ 3,751.65</b>

<sup>(1)</sup> 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**  
 Send invoice inquiries and check payments to:  
 CEC PUD LLC  
 c/o Constant Energy Capital  
 217 Commercial Street  
 Suite 402  
 Portland, ME 04101  
 Tel: 207-494-5009  
 Email: [billing@constantenergycap.com](mailto:billing@constantenergycap.com)

**Energy Charge Detail: July 1, 2018 thru July 31, 2018**

Timestamp	Hourly LMP (\$/MWh)	Generator Output (kWh)	Energy Charge (\$)
7/1/2018 1:00	31.5	0	\$ -
7/1/2018 2:00	26.87	0	\$ -
7/1/2018 3:00	26.94	0	\$ -
7/1/2018 4:00	25.65	0	\$ -
7/1/2018 5:00	23.87	0	\$ -
7/1/2018 6:00	23.21	0	\$ -
7/1/2018 7:00	20.97	0	\$ -
7/1/2018 8:00	20.88	0	\$ -
7/1/2018 9:00	22.43	0	\$ -
7/1/2018 10:00	24.48	0	\$ -
7/1/2018 11:00	37.04	0	\$ -
7/1/2018 12:00	63.31	0	\$ -
7/1/2018 13:00	62.85	0	\$ -
7/1/2018 14:00	73.69	0	\$ -
7/1/2018 15:00	80.2	0	\$ -
7/1/2018 16:00	68.35	0	\$ -
7/1/2018 17:00	67.74	0	\$ -
7/1/2018 18:00	60.98	0	\$ -
7/1/2018 19:00	76.94	0	\$ -
7/1/2018 20:00	63.93	0	\$ -
7/1/2018 21:00	78.83	0	\$ -
7/1/2018 22:00	70.56	0	\$ -
7/1/2018 23:00	56.9	0	\$ -
7/2/2018 0:00	50.13	0	\$ -
7/2/2018 1:00	45.65	0	\$ -
7/2/2018 2:00	37.34	0	\$ -
7/2/2018 3:00	35.9	0	\$ -
7/2/2018 4:00	29.76	0	\$ -
7/2/2018 5:00	30.06	0	\$ -
7/2/2018 6:00	33.37	0	\$ -
7/2/2018 7:00	29.22	0	\$ -
7/2/2018 8:00	28.08	0	\$ -
7/2/2018 9:00	27.66	0	\$ -
7/2/2018 10:00	28.08	0	\$ -
7/2/2018 11:00	32.84	0	\$ -
7/2/2018 12:00	57.76	0	\$ -
7/2/2018 13:00	50.9	0	\$ -
7/2/2018 14:00	50.56	0	\$ -
7/2/2018 15:00	51.54	0	\$ -
7/2/2018 16:00	51.48	0	\$ -
7/2/2018 17:00	54.2	0	\$ -
7/2/2018 18:00	63.39	0	\$ -
7/2/2018 19:00	40.28	0	\$ -
7/2/2018 20:00	49.08	0	\$ -
7/2/2018 21:00	37.7	0	\$ -
7/2/2018 22:00	42.9	0	\$ -
7/2/2018 23:00	34.5	0	\$ -
7/3/2018 0:00	34.34	0	\$ -

Energy Charge Total	\$ 1,358.98
Generator Output KWH	7218.8

7/3/2018 1:00	53.75	0 \$	-
7/3/2018 2:00	41.41	0 \$	-
7/3/2018 3:00	34.34	0 \$	-
7/3/2018 4:00	35.33	0 \$	-
7/3/2018 5:00	35.65	0 \$	-
7/3/2018 6:00	31.32	0 \$	-
7/3/2018 7:00	31.44	0 \$	-
7/3/2018 8:00	30.03	0 \$	-
7/3/2018 9:00	28.06	0 \$	-
7/3/2018 10:00	29.2	0 \$	-
7/3/2018 11:00	35.93	0 \$	-
7/3/2018 12:00	43.7	0.083 \$	0.00
7/3/2018 13:00	53.78	0.117 \$	0.01
7/3/2018 14:00	64.08	0 \$	-
7/3/2018 15:00	59.87	0 \$	-
7/3/2018 16:00	58.03	0 \$	-
7/3/2018 17:00	55.72	0 \$	-
7/3/2018 18:00	53.36	0 \$	-
7/3/2018 19:00	48.72	0 \$	-
7/3/2018 20:00	43.39	0 \$	-
7/3/2018 21:00	34.82	0 \$	-
7/3/2018 22:00	50.41	0 \$	-
7/3/2018 23:00	48.78	0 \$	-
7/4/2018 0:00	67.13	0 \$	-
7/4/2018 1:00	44.65	0 \$	-
7/4/2018 2:00	40.13	0 \$	-
7/4/2018 3:00	32.7	0 \$	-
7/4/2018 4:00	43.45	0 \$	-
7/4/2018 5:00	44.09	0 \$	-
7/4/2018 6:00	27.6	0 \$	-
7/4/2018 7:00	28.69	0 \$	-
7/4/2018 8:00	32.21	0 \$	-
7/4/2018 9:00	39.12	0 \$	-
7/4/2018 10:00	54.11	0 \$	-
7/4/2018 11:00	50.98	0 \$	-
7/4/2018 12:00	53.45	0 \$	-
7/4/2018 13:00	51.6	0 \$	-
7/4/2018 14:00	52.09	0 \$	-
7/4/2018 15:00	56.45	0 \$	-
7/4/2018 16:00	60.81	0 \$	-
7/4/2018 17:00	61.67	0 \$	-
7/4/2018 18:00	68.49	0 \$	-
7/4/2018 19:00	76.25	0 \$	-
7/4/2018 20:00	63.03	0 \$	-
7/4/2018 21:00	49.62	0 \$	-
7/4/2018 22:00	50.36	0 \$	-
7/4/2018 23:00	49.47	0 \$	-
7/5/2018 0:00	57.65	0 \$	-
7/5/2018 1:00	37.01	0 \$	-
7/5/2018 2:00	30.77	0 \$	-
7/5/2018 3:00	27.06	0 \$	-
7/5/2018 4:00	26.1	0 \$	-

7/5/2018 5:00	25.16	0 \$	-
7/5/2018 6:00	25.85	0 \$	-
7/5/2018 7:00	46.83	0 \$	-
7/5/2018 8:00	53.83	0 \$	-
7/5/2018 9:00	59.2	0 \$	-
7/5/2018 10:00	68.06	0 \$	-
7/5/2018 11:00	75.38	0 \$	-
7/5/2018 12:00	80.65	0 \$	-
7/5/2018 13:00	70.06	66 \$	4.62
7/5/2018 14:00	84.33	1069.5 \$	90.19
7/5/2018 15:00	258.34	1068.9 \$	276.14
7/5/2018 16:00	232.77	1068.9 \$	248.81
7/5/2018 17:00	203.78	1069.4 \$	217.92
7/5/2018 18:00	223.69	1069.9 \$	239.33
7/5/2018 19:00	192.75	1070.6 \$	206.36
7/5/2018 20:00	102.8	735.4 \$	75.60
7/5/2018 21:00	67.86	0 \$	-
7/5/2018 22:00	81.48	0 \$	-
7/5/2018 23:00	70.91	0 \$	-
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7/6/2018 5:00	47.06	0 \$	-
7/6/2018 6:00	54.78	0 \$	-
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7/6/2018 17:00	25.77	0 \$	-
7/6/2018 18:00	25.13	0 \$	-
7/6/2018 19:00	22.6	0 \$	-
7/6/2018 20:00	20	0 \$	-
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7/6/2018 22:00	19.45	0 \$	-
7/6/2018 23:00	18.25	0 \$	-
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7/7/2018 4:00	18.9	0 \$	-
7/7/2018 5:00	18.82	0 \$	-
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7/7/2018 7:00	16.44	0 \$	-
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7/7/2018 12:00	19.09	0 \$	-
7/7/2018 13:00	19.25	0 \$	-
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7/7/2018 16:00	17.04	0 \$	-
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7/7/2018 21:00	19.63	0 \$	-
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7/8/2018 11:00	18.02	0 \$	-
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7/13/2018 23:00	31.82	0 \$	-
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7/14/2018 3:00	22.09	0 \$	-
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7/18/2018 3:00	21.7	0 \$	-
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7/18/2018 8:00	20.82	0 \$	-
7/18/2018 9:00	20.98	0 \$	-
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7/18/2018 11:00	20.74	0 \$	-
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7/19/2018 14:00	24.21	0 \$	-
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7/20/2018 7:00	20.56	0 \$	-
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7/20/2018 16:00	27.72	0 \$	-
7/20/2018 17:00	31.12	0 \$	-
7/20/2018 18:00	32	0 \$	-
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7/20/2018 20:00	31.07	0 \$	-
7/20/2018 21:00	28.76	0 \$	-
7/20/2018 22:00	30.71	0 \$	-
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7/22/2018 15:00	30.71	0 \$	-
7/22/2018 16:00	24.47	0 \$	-
7/22/2018 17:00	33.53	0 \$	-
7/22/2018 18:00	34.19	0 \$	-
7/22/2018 19:00	28.68	0 \$	-
7/22/2018 20:00	27.56	0 \$	-
7/22/2018 21:00	25.05	0 \$	-
7/22/2018 22:00	30.53	0 \$	-
7/22/2018 23:00	24.69	0 \$	-
7/23/2018 0:00	30.54	0 \$	-
7/23/2018 1:00	23.88	0 \$	-
7/23/2018 2:00	23.97	0 \$	-
7/23/2018 3:00	24.02	0 \$	-
7/23/2018 4:00	23.98	0 \$	-
7/23/2018 5:00	24.18	0 \$	-
7/23/2018 6:00	26.46	0 \$	-
7/23/2018 7:00	27.3	0 \$	-
7/23/2018 8:00	36.42	0 \$	-
7/23/2018 9:00	49.87	0 \$	-
7/23/2018 10:00	45.6	0 \$	-
7/23/2018 11:00	49.02	0 \$	-
7/23/2018 12:00	40.13	0 \$	-
7/23/2018 13:00	44.84	0 \$	-
7/23/2018 14:00	51.3	0 \$	-
7/23/2018 15:00	50.55	0 \$	-
7/23/2018 16:00	53.46	0 \$	-
7/23/2018 17:00	58.17	0 \$	-
7/23/2018 18:00	63.91	0 \$	-
7/23/2018 19:00	58.79	0 \$	-
7/23/2018 20:00	48.01	0 \$	-
7/23/2018 21:00	45.16	0 \$	-
7/23/2018 22:00	36.66	0 \$	-
7/23/2018 23:00	26.68	0 \$	-
7/24/2018 0:00	28.53	0 \$	-
7/24/2018 1:00	23.58	0 \$	-
7/24/2018 2:00	22.39	0 \$	-
7/24/2018 3:00	22.18	0 \$	-
7/24/2018 4:00	22.21	0 \$	-
7/24/2018 5:00	23.09	0 \$	-
7/24/2018 6:00	23.27	0 \$	-
7/24/2018 7:00	31.32	0 \$	-
7/24/2018 8:00	22.13	0 \$	-
7/24/2018 9:00	25.86	0 \$	-
7/24/2018 10:00	34.31	0 \$	-
7/24/2018 11:00	31.27	0 \$	-
7/24/2018 12:00	36.61	0 \$	-
7/24/2018 13:00	31.54	0 \$	-
7/24/2018 14:00	36.03	0 \$	-
7/24/2018 15:00	43.28	0 \$	-
7/24/2018 16:00	45.44	0 \$	-

7/24/2018 17:00	55.69	0 \$	-
7/24/2018 18:00	65.17	0 \$	-
7/24/2018 19:00	61.31	0 \$	-
7/24/2018 20:00	51.21	0 \$	-
7/24/2018 21:00	45.41	0 \$	-
7/24/2018 22:00	42.83	0 \$	-
7/24/2018 23:00	31.26	0 \$	-
7/25/2018 0:00	28.28	0 \$	-
7/25/2018 1:00	26.98	0 \$	-
7/25/2018 2:00	29.85	0 \$	-
7/25/2018 3:00	25.76	0 \$	-
7/25/2018 4:00	24.91	0 \$	-
7/25/2018 5:00	23.12	0 \$	-
7/25/2018 6:00	25.19	0 \$	-
7/25/2018 7:00	32.51	0 \$	-
7/25/2018 8:00	39.53	0 \$	-
7/25/2018 9:00	38.53	0 \$	-
7/25/2018 10:00	40.53	0 \$	-
7/25/2018 11:00	44.38	0 \$	-
7/25/2018 12:00	38.42	0 \$	-
7/25/2018 13:00	41.71	0 \$	-
7/25/2018 14:00	50.87	0 \$	-
7/25/2018 15:00	49.34	0 \$	-
7/25/2018 16:00	35.36	0 \$	-
7/25/2018 17:00	39.49	0 \$	-
7/25/2018 18:00	36.1	0 \$	-
7/25/2018 19:00	35.55	0 \$	-
7/25/2018 20:00	36.21	0 \$	-
7/25/2018 21:00	37.44	0 \$	-
7/25/2018 22:00	29.19	0 \$	-
7/25/2018 23:00	26.61	0 \$	-
7/26/2018 0:00	24.93	0 \$	-
7/26/2018 1:00	21.96	0 \$	-
7/26/2018 2:00	21.31	0 \$	-
7/26/2018 3:00	20.02	0 \$	-
7/26/2018 4:00	19.82	0 \$	-
7/26/2018 5:00	19.78	0 \$	-
7/26/2018 6:00	20.81	0 \$	-
7/26/2018 7:00	20.55	0 \$	-
7/26/2018 8:00	22.44	0 \$	-
7/26/2018 9:00	26.11	0 \$	-
7/26/2018 10:00	27.81	0 \$	-
7/26/2018 11:00	23.92	0 \$	-
7/26/2018 12:00	26.97	0 \$	-
7/26/2018 13:00	31.78	0 \$	-
7/26/2018 14:00	36.77	0 \$	-
7/26/2018 15:00	36.11	0 \$	-
7/26/2018 16:00	35.75	0 \$	-
7/26/2018 17:00	31.01	0 \$	-
7/26/2018 18:00	31.37	0 \$	-
7/26/2018 19:00	35.53	0 \$	-
7/26/2018 20:00	33.93	0 \$	-

7/26/2018 21:00	29.39	0 \$	-
7/26/2018 22:00	28.99	0 \$	-
7/26/2018 23:00	21.83	0 \$	-
7/27/2018 0:00	22.2	0 \$	-
7/27/2018 1:00	21.8	0 \$	-
7/27/2018 2:00	21.25	0 \$	-
7/27/2018 3:00	17.6	0 \$	-
7/27/2018 4:00	-3.78	0 \$	-
7/27/2018 5:00	14.74	0 \$	-
7/27/2018 6:00	19.73	0 \$	-
7/27/2018 7:00	20.18	0 \$	-
7/27/2018 8:00	20.99	0 \$	-
7/27/2018 9:00	23.25	0 \$	-
7/27/2018 10:00	28.05	0 \$	-
7/27/2018 11:00	33.08	0 \$	-
7/27/2018 12:00	36.11	0 \$	-
7/27/2018 13:00	38.95	0 \$	-
7/27/2018 14:00	38.56	0 \$	-
7/27/2018 15:00	36.73	0 \$	-
7/27/2018 16:00	38.79	0 \$	-
7/27/2018 17:00	41.44	0 \$	-
7/27/2018 18:00	43.06	0 \$	-
7/27/2018 19:00	38.39	0 \$	-
7/27/2018 20:00	32.56	0 \$	-
7/27/2018 21:00	29.5	0 \$	-
7/27/2018 22:00	26.58	0 \$	-
7/27/2018 23:00	23.85	0 \$	-
7/28/2018 0:00	23.62	0 \$	-
7/28/2018 1:00	21.41	0 \$	-
7/28/2018 2:00	23.93	0 \$	-
7/28/2018 3:00	24.86	0 \$	-
7/28/2018 4:00	22.09	0 \$	-
7/28/2018 5:00	21.19	0 \$	-
7/28/2018 6:00	21.59	0 \$	-
7/28/2018 7:00	21.16	0 \$	-
7/28/2018 8:00	22.47	0 \$	-
7/28/2018 9:00	24.41	0 \$	-
7/28/2018 10:00	28.79	0 \$	-
7/28/2018 11:00	27.97	0 \$	-
7/28/2018 12:00	35.9	0 \$	-
7/28/2018 13:00	42.25	0 \$	-
7/28/2018 14:00	43.55	0 \$	-
7/28/2018 15:00	43.62	0 \$	-
7/28/2018 16:00	44.18	0 \$	-
7/28/2018 17:00	51.89	0 \$	-
7/28/2018 18:00	52.54	0 \$	-
7/28/2018 19:00	47.54	0 \$	-
7/28/2018 20:00	45	0 \$	-
7/28/2018 21:00	36.5	0 \$	-
7/28/2018 22:00	45.02	0 \$	-
7/28/2018 23:00	38.21	0 \$	-
7/29/2018 0:00	31.57	0 \$	-



7/29/2018 1:00	25.2	0 \$	-
7/29/2018 2:00	33.77	0 \$	-
7/29/2018 3:00	27.29	0 \$	-
7/29/2018 4:00	22.81	0 \$	-
7/29/2018 5:00	21.02	0 \$	-
7/29/2018 6:00	19.58	0 \$	-
7/29/2018 7:00	19.23	0 \$	-
7/29/2018 8:00	20.83	0 \$	-
7/29/2018 9:00	22.96	0 \$	-
7/29/2018 10:00	21.55	0 \$	-
7/29/2018 11:00	22.02	0 \$	-
7/29/2018 12:00	20.69	0 \$	-
7/29/2018 13:00	20.89	0 \$	-
7/29/2018 14:00	20.61	0 \$	-
7/29/2018 15:00	20.32	0 \$	-
7/29/2018 16:00	21.76	0 \$	-
7/29/2018 17:00	23.55	0 \$	-
7/29/2018 18:00	27.32	0 \$	-
7/29/2018 19:00	35.04	0 \$	-
7/29/2018 20:00	31.69	0 \$	-
7/29/2018 21:00	21.39	0 \$	-
7/29/2018 22:00	26.61	0 \$	-
7/29/2018 23:00	24.05	0 \$	-
7/30/2018 0:00	21.82	0 \$	-
7/30/2018 1:00	20.62	0 \$	-
7/30/2018 2:00	20.02	0 \$	-
7/30/2018 3:00	19.29	0 \$	-
7/30/2018 4:00	19.33	0 \$	-
7/30/2018 5:00	19.7	0 \$	-
7/30/2018 6:00	19.55	0 \$	-
7/30/2018 7:00	19.74	0 \$	-
7/30/2018 8:00	19.73	0 \$	-
7/30/2018 9:00	19.5	0 \$	-
7/30/2018 10:00	19.22	0 \$	-
7/30/2018 11:00	20.09	0 \$	-
7/30/2018 12:00	20.82	0 \$	-
7/30/2018 13:00	22.24	0 \$	-
7/30/2018 14:00	21.18	0 \$	-
7/30/2018 15:00	21.28	0 \$	-
7/30/2018 16:00	21.11	0 \$	-
7/30/2018 17:00	21.03	0 \$	-
7/30/2018 18:00	20.58	0 \$	-
7/30/2018 19:00	20.92	0 \$	-
7/30/2018 20:00	21.16	0 \$	-
7/30/2018 21:00	21.39	0 \$	-
7/30/2018 22:00	21.45	0 \$	-
7/30/2018 23:00	23.75	0 \$	-
7/31/2018 0:00	19.38	0 \$	-
7/31/2018 1:00	19.44	0	-
7/31/2018 2:00	19.51	0	-
7/31/2018 3:00	19.72	0	-
7/31/2018 4:00	18.53	0	-

7/31/2018 5:00	19.13	0
7/31/2018 6:00	20.09	0
7/31/2018 7:00	20.14	0
7/31/2018 8:00	21.6	0
7/31/2018 9:00	23.17	0
7/31/2018 10:00	23.76	0
7/31/2018 11:00	23.05	0
7/31/2018 12:00	29.21	0
7/31/2018 13:00	29.18	0
7/31/2018 14:00	36.2	0
7/31/2018 15:00	35.31	0
7/31/2018 16:00	39.77	0
7/31/2018 17:00	45.06	0
7/31/2018 18:00	48.88	0
7/31/2018 19:00	47.11	0
7/31/2018 20:00	37.93	0
7/31/2018 21:00	31.09	0
7/31/2018 22:00	38.66	0
7/31/2018 23:00	28.37	0
8/1/2018 0:00	28.16	0
	21.44	
	22.41	
	22.4	
	21.24	
	21.07	
	22.17	
	24.47	
	24.25	
	31.93	
	32.25	
	33.79	
	28.04	
	27.39	
	35.8	
	28.65	
	28.11	
	36.51	
	39.7	
	39.08	
	45.96	
	42.48	
	30.59	
	28.43	
	30.94	

## Harle Round

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**From:** Christina Beaudry <cbeaudry@ene.org>  
**Sent:** Thursday, August 16, 2018 10:24 AM  
**To:** Harle Round  
**Cc:** Michael Kirkwood  
**Subject:** RE: Purchase Power Reconciliation

**Importance:** High

Good Morning Harle & Mike,

I just wanted to remind you that starting with June 2018, Pascoag was unable to self-supply its entitlement in Seabrook in the capacity market in ISO. This means Pascoag will receive payment directly from MMWEC. ENE's estimate of the June value is \$12,699.07, when you receive the check could you please provide ENE with the details. ENE has requested the information from MMWEC but has not yet received a response.

This will change your totals for the month of June as well. In my records I am applying the credit.

Please let me know if you have any questions.

Thanks,  
Chris

Christina Beaudry  
Manager, Utility Services



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

Phone: 508.698.1212  
Fax: 508.698.0222  
Email: [cbeaudry@ene.org](mailto:cbeaudry@ene.org)

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**From:** Harle Round [mailto:hround@pud-ri.org]  
**Sent:** Thursday, August 2, 2018 3:27 PM  
**To:** Christina Beaudry <cbeaudry@ene.org>  
**Cc:** Michael Kirkwood <mkirkwood@pud-ri.org>  
**Subject:** Purchase Power Reconciliation

Hi Chris,

I have attached the Purchase Power reconciliation for June.

*Harlo J Round*

**Manager of Finance & Customer Service**

**Pascoag Utility District**

**401-568-6222 ext 220**

**TTY Via RI Relay: 711**

**[hround@pud-ri.org](mailto:hround@pud-ri.org)**

## Harle Round

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**From:** Michelle Coscia <mcoscia@ene.org>  
**Sent:** Tuesday, August 14, 2018 10:08 AM  
**To:** Michael Kirkwood; Daisy Wang; Harle Round  
**Cc:** Christina Beaudry  
**Subject:** RE: ISO-INV 2018  
**Attachments:** PUD ISO INV-2018.xlsm

Hi Mike,

We had to make an adjustment to your FCM Tab to bring in your new location data. The dollars are correct, but keep in mind your self-supply issue.

Going across your Peak Requirement MW is larger and the rate has increased. Things to help reduce the \$ (200,167.29) charge which does include the ISO CTR fund for your pool planned units of \$10,883.33 are as such:

- MMWEC pool planned unit credit of \$12,698
- MMWEC NYPA credit of \$15,931
- Spruce \$585
- HQICC capacity payment \$2,215.34

This brings the capacity charge to around \$168,700.

Please let me know if there are any questions.

Have a nice day,  
Michelle

*Michelle Coscia*  
Senior Energy Analyst  
Phone: 508.698.1222  
Fax: 508.698.0222  
Email: [mcoscia@ene.org](mailto:mcoscia@ene.org)

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



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**From:** Michael Kirkwood [mailto:[mkirkwood@pud-ri.org](mailto:mkirkwood@pud-ri.org)]  
**Sent:** Tuesday, August 14, 2018 9:15 AM  
**To:** Daisy Wang <[xwang@ene.org](mailto:xwang@ene.org)>; Harle Round <[hround@pud-ri.org](mailto:hround@pud-ri.org)>  
**Cc:** Christina Beaudry <[cbeaudry@ene.org](mailto:cbeaudry@ene.org)>; Michelle Coscia <[mcoscia@ene.org](mailto:mcoscia@ene.org)>  
**Subject:** RE: ISO-INV 2018

Hi Daisy,

On the Month Summary tab, it shows an FCM charge of \$200k. Is that correct?

Mike

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Michael R. Kirkwood  
General Manager/CEO  
Pascoag Utility District

Office: 401-568-6222  
TTY via RI Relay: 711

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**From:** Daisy Wang [<mailto:xwang@ene.org>]  
**Sent:** Monday, August 13, 2018 5:05 PM  
**To:** Michael Kirkwood <[mkirkwood@pud-ri.org](mailto:mkirkwood@pud-ri.org)>; Harle Round <[hround@pud-ri.org](mailto:hround@pud-ri.org)>  
**Cc:** Christina Beaudry <[cbeaudry@ene.org](mailto:cbeaudry@ene.org)>; Michelle Coscia <[mcoscia@ene.org](mailto:mcoscia@ene.org)>  
**Subject:** ISO-INV 2018

Good Afternoon,

Attached is your ISO invoice breakdown from 1/1/2018 to date.

Please let me know if there are any questions.

Have a nice day,

Xiangru Wang  
Associate Energy Analyst



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

Phone: 508.698.1255  
Fax: 508.698.0222  
Email: [xwang@ene.org](mailto:xwang@ene.org)

Peak	hr	Date	Customer Name	Customer ID	Capacity Zone ID	Capacity Zone Name	Revision	Customer Peak Contributions
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8/12/2016	15	Dec-17	PUD - Pasco:	116	8500	Rest-of-Poc	LATEST	-12.716
8/12/2016	15	Jan-18	PUD - Pasco:	116	8500	Rest-of-Poc	LATEST	-12.716
8/12/2016	15	Feb-18	PUD - Pasco:	116	8500	Rest-of-Poc	LATEST	-12.716
8/12/2016	15	Mar-18	PUD - Pasco:	116	8500	Rest-of-Poc	LATEST	-12.716
8/12/2016	15	Apr-18	PUD - Pasco:	116	8500	Rest-of-Poc	LATEST	-12.716
8/12/2016	15	May-18	PUD - Pasco:	116	8500	Rest-of-Poc	LATEST	-12.716
6/13/2017	17	Jun-18	PUD - Pasco:	116	8504	SEMA-RI	LATEST	-11.846
6/13/2017	17	Jul-18	PUD - Pasco:	116	8504	SEMA-RI	LATEST	-11.846
		Aug-18						
		Sep-18						
		Oct-18						
		Nov-18						
		Dec-18						
		Jan-19						

Customer Capacity Requirement	Customer Capacity Load Obligation Bilateral MW	Customer Capacity Zone Designated FCA Self-Supplied MW	Customer Capacity Load Obligation	Customer HQICC	Net Regional Clearing Price	Customer Specifically Allocated CTR Credit	Customer Residual CTR Fund Credit
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**PUD - Capacity**

(MW)	(MW)	(MW)	(MW)	(MW)	(USD /kWmo)		
-17.825	0	4.63	-13.195	0	7.636		
-17.825	0	4.63	-13.195	0	7.626		
-17.814	0	4.63	-13.184	0	7.595		
-17.814	0	4.63	-13.184	0	7.611		
-17.797	0	4.63	-13.167	0	7.599		
-17.797	0	4.63	-13.167	0	7.667		
-18.455	0.00	0	-18.455	0	11.276	10,883.33	-2,840.60
-18.455	0.00	0	-18.455	0	11.282	10,883.33	-2,844.04





## Harle Round

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**From:** Michelle Coscia <mcoscia@ene.org>  
**Sent:** Thursday, July 12, 2018 3:02 PM  
**To:** Michael Kirkwood; Harle Round  
**Cc:** Christina Beaudry; Gil Myette; Tim Hebert; Dan Ciullo  
**Subject:** SEMA/RI Capacity Self-Supply Issue

Good Afternoon All,

Below is the last email regarding the pool planned units that the SEMA/RI location could not self-supply back in 2014. We have made it to the first month of settlement that includes this issue, which you will see on your monthly ISO invoice delivered on 7/16/18.

The new settlement piece will be for the MW's of the units:

- Seabrook – Grand
- Stony Brook GT2A
- Stony Brook GT2B
- Stony Brook GT1A
- Stony Brook GT1B
- Stony Brook GT1C
- Millstone 3

There will be a two part credit 1) will be the MW at the payment rate of RoP from MMWEC (via check) and 2) ISO is issuing a credit on your settlement in the Capacity Transfer Rights (CTR) section specifically called out "Customer Specifically Allocated CTR Credit for Pool Planned Units".

The net outcome is a benefit to the participant because the ISO will be crediting the MW's at the SEMA/RI Auction Clearing Price instead of only at the Net Regional Clearing price for the month (which would be the self-supply value).

	Seabrook	PUD 1.331	
	MMWEC Credit \$	12,699.07	\$9.54 Adjusted Payment Rate R
	Customer Specifically Allocated CTR Credit for Pool Planned Units	\$10,883.33	\$8.18 CTR Rate
	<b>Total Credit \$</b>	<b>23,582.40</b>	<b>\$17.72 Full Clearing price for SEM</b>
	Self-Supply Value \$	15,008.27	\$11.28 SEMA/RI Net Regional Cle
	<b>Extra Benefit \$</b>	<b>8,574.13</b>	<b>\$6.44</b>

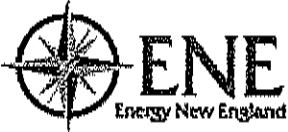
Please let me know if there are any questions.

Have a nice day,  
Michelle

*Michelle Coscia*

Senior Energy Analyst  
 Phone: 508.698.1222  
 Fax: 508.698.0222  
 Email: [mcoscia@ene.org](mailto:mcoscia@ene.org)

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



**From:** Michelle Coscia  
**Sent:** Friday, October 24, 2014 4:06 PM  
**To:** Bottiggi, Bill <[bbottiggi@beld.com](mailto:bbottiggi@beld.com)>; Ken Stone ([kstone@beld.com](mailto:kstone@beld.com)) <[kstone@beld.com](mailto:kstone@beld.com)>; Rose Teele ([rteele@beld.com](mailto:rteele@beld.com)) <[rteele@beld.com](mailto:rteele@beld.com)>; Paul Heanue (HMLP) <[pheanue@hmlp.com](mailto:pheanue@hmlp.com)>; Jay Moynihan ([jmoynihan@naelectric.com](mailto:jmoynihan@naelectric.com)) <[jmoynihan@naelectric.com](mailto:jmoynihan@naelectric.com)>; Paula J. Tattrie ([ptattrie@naelectric.com](mailto:ptattrie@naelectric.com)) <[ptattrie@naelectric.com](mailto:ptattrie@naelectric.com)>; Michael Kirkwood <[mkirkwood@pud-ri.org](mailto:mkirkwood@pud-ri.org)>; Jim Irving ([jamesirving@tmlp.com](mailto:jamesirving@tmlp.com)) <[jamesirving@tmlp.com](mailto:jamesirving@tmlp.com)>; Kim Meulenaere ([kimmeulenaere@tmlp.com](mailto:kimmeulenaere@tmlp.com)) <[kimmeulenaere@tmlp.com](mailto:kimmeulenaere@tmlp.com)>; Mike Horrigan ([mikehorrigan@tmlp.com](mailto:mikehorrigan@tmlp.com)) <[mikehorrigan@tmlp.com](mailto:mikehorrigan@tmlp.com)>; Judy Allaire ([jallaire@pud-ri.org](mailto:jallaire@pud-ri.org)) <[jallaire@pud-ri.org](mailto:jallaire@pud-ri.org)>  
**Cc:** Christina Beaudry <[cbeaudry@energynewengland.com](mailto:cbeaudry@energynewengland.com)>; Gil Myette <[gmyette@energynewengland.com](mailto:gmyette@energynewengland.com)>; Tim Hebert <[thebert@energynewengland.com](mailto:thebert@energynewengland.com)>; Dan Ciullo <[dciullo@energynewengland.com](mailto:dciullo@energynewengland.com)>  
**Subject:** SEMA/RI Capacity Self-Supply Issue  
**Importance:** High

Good Afternoon All,

This email is to inform you of the Capacity Self-Supply issue we are currently working with ISO to resolve. With the new FCA #9 (2018-2019) SEMA/RI has split into a new zone. As you are aware in order to self-supply a unit, it must be in the same location as your load obligation. The caveat is, if the entity has ownership in a pool planned unit or another unit with a special allocation of Capacity Transfer Rights (CTR) they are able to self-supply the unit.

CTRS units are:

	Millstone 3	Seabrook	Stonybrook GT 1A	Stonybrook GT 1B	Stonybrook GT 1C	Stonybrook 2A	Stonybrook 2B	Wyman 4
Nominal Summer (MW)	1155.001	1244.275	104.000	100.000	104.000	67.400	65.300	586.725
Nominal Winter (MW)	1155.481	1244.275	119.000	116.000	119.000	87.400	85.300	608.575

The unfortunate piece here is SEMA/RI was not thought of as being a separate location when the ruling went into place. Therefore, the ISO has to now ask FERC for approval to allow these units to be pool planned in this new location. This issue will not be resolved in time (Monday the 27<sup>th</sup>) to officially self-supply your units. The ISO has stated they don't see any issues coming down from FERC on the matter, the issue now will be how the ISO will financially settle the units.

The ISO will let us know how settlement will occur. Fortunately there is a mechanism within the capacity market to distribute excess revenue in a Capacity Zone that results from differences in payment rates between Capacity zones. The difference in rates will be distributed back to the owners of these "pool planned" resources in the form of capacity transfer rights (CTR), or the ISO will adjust the self-supply window. It is too early to tell.

We will advise you with details as they arrive. For now we have submitted an "Ask ISO" issue which specifies the MW's per unit that apply to each SEMA/RI customer in order make sure all allocation dollars will be based on the proper amounts.

Please feel free to send me questions/concerns.

Have a nice weekend,  
Michelle

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