



Pascoag Utility District

Electric Department

In Re: Pascoag Utility District

Addendum Year-End Status Report

Standard Offer Service, Transmission and Transition Reconciliation

RIPUC Docket No.: 4895

Letter of Submittal

Addendum Testimony-Harle J. Round

Schedule A-H

October Invoices



November 30, 2018

Rhode Island Public Utilities Commission
Ms. Luly Massaro
Commission Clerk
89 Jefferson Blvd.
Warwick, RI 02888

Re: Year-End Status Report
RIPUC Docket No.: 4895

Dear Ms. Massaro;

On Behalf of Pascoag Utility District (Pascoag or PUD), we herewith submit an original and nine copies of Pascoag's Addendum Year-End Status Report as ordered in the above docket. As stated in the pre-filed testimony submitted on November 5, 2018, Pascoag is submitting the Addendum to include actual expenses and revenue for October.

In this filing, Pascoag is requesting the following changes to its Standard Offer, Transition and Transmission Charges, as well as a Purchase Power Restricted Fund Credit:

Factor	Current (2018)	Proposed (2019)	Difference
Standard Offer	\$0..07166	\$0.07793	\$0.00627
Transition	\$0.00040	\$0.00161	\$0.00121
Transmission	\$0.02973	\$0.03186	\$0.00213
PPRFC	(\$0.00469)	(\$0.00291)	\$0.00178
Total	\$0.09710	\$0.10849	\$0.01139

Under the current Rate, a residential customer using 500 kilowatt-hours of electricity per month pays \$75.31. Under the proposed rate this customer will see his/her bill increase to \$81.00, which is an increase of \$5.69 or 7.6%.

The requested date for the new rate is January 1, 2019. If you have any questions, please do not hesitate to contact me.

Very truly yours,

Harle J. Round
Manager of Finance & Customer Service

Cc: Service List

RIPUC Docket No.4895

Addendum Testimony

Harle J. Round, Manager, Finance & Customer Service

- **Q1. Have the actual power invoices for October, 2018 been received?**

A1. Yes, Pascoag has received the October invoices, and they are reflected in this addendum filing along with the actual sales to customers.

- **Q2. What impact does the actual expenses and revenue have on the filing that was submitted on November 5, 2018?**

A2. The under-collection reflected in this addendum filing is (\$22,383.00). In the original filing submitted on November 5, 2018, Pascoag forecasted the under-collection at (\$44,084). The breakdown of the new forecast of factors is outlined in Addendum Table 1, below:

Addendum Table1:	Forecast at December 31,2018
SOS	(\$155,188)
Transition	\$42,982
Transmission	\$89,823
Total	(\$22,383)

- **Q3. What Impact does this have on the rates proposed by Pascoag for Standard Offer Service, Transition, Transmission, and Purchase Power Restricted Fund Credit ("PPRFC")?**

A3. Addendum Table 2, below shows the rates requested in this filing:

Addendum Table 2:	Current	Proposed	Difference
SOS	\$0.07166	\$0.07793	\$0.00627
Transition	\$0.00040	\$0.00161	\$0.00121
Transmission	\$0.02973	\$0.03186	\$0.00213
PPRFC	(\$0.00469)	(\$0.00291)	\$0.00178
Total	\$0.09710	\$0.10849	\$0.01139

The proposed Purchase Power Restricted Fund Credit was outlined in Pascoag Utility District's Responses to Commission's First Set of Data request In Docket No. 4895, dated November 20, 2018 in attachment 1-3.

- **Q4. What are the proposed factors, and what impact will they have a residential customer using 500 kilowatt-hours of electricity?**

A4. A residential customer using 500 kilowatt-hours of electricity currently pays \$75.31 under the proposed rates, that customer would see his monthly bill increase to \$81.00, an increase of \$5.69 or a 7.6% increase.

- **Q5. Does this conclude your testimony?**

A5. Yes, it does.



PASCOAG
UTILITY DISTRICT

Pascoag Electric • Pascoag Water

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Schedule A - H

	A	B	C	D	E	F	G	H	I
677	Pascoag Utility District - Expense by Rate Component								
678	October 2018 Actual								
679	Energy Component	Kwhrs		Standard Offer		Transmission		Total	Average
680									
681	MMWEC - Project 6								
682	Project 6	66,319		\$ 18,826.52		\$ 57.95		\$ 18,884.47	
683	Credit			\$ (34,321.50)				\$ (34,321.50)	
684	Total MMWEC-Project 6	66,319		\$ (15,494.98)		\$ 67.95		\$ (15,437.03)	\$ (0.2328)
685									
686	MMWEC Non-PSA								
687	Admin Exp			\$ 330.01				\$ 330.01	
688	HQI					\$ 225.40		\$ 225.40	
689	HQII					\$ 56.88		\$ 56.88	
690	HQIII					\$ 932.04		\$ 932.04	
691	NYPA Billing correction								
692	Total MMWEC Non PSA			\$ 330.01		\$ 1,214.32		\$ 1,544.33	
693									
694	NYPA - Niagara								
695	Demand			\$ 2,849.00				\$ 2,849.00	
696	Energy	393,000		\$ 1,991.36				\$ 1,991.36	
697	NYISO Ancillary					\$ 325.61		\$ 325.61	
698	TUC Charges					\$ 3,249.68		\$ 3,249.68	
699	ISO True up Charges/credits			\$ (17,299.17)		\$ 16.82		\$ (17,282.35)	
700	Total - Niagara	393,000		\$ (12,458.81)		\$ 3,592.11		\$ (8,866.70)	\$ (0.0226)
701									
702	NYPA - St Lawrence								
703	Demand			\$ 4,070.00				\$ 4,070.00	
704	Energy	893,000		\$ 4,393.56				\$ 4,393.56	
705	NYISO Ancillary					\$ 669.95		\$ 669.95	
706	TUC Charges					\$ 12,930.31		\$ 12,930.31	
707	ISO True up Charges/credits					\$ 18.24		\$ 18.24	
708	Total - ST LAWRENCE	893,000		\$ 8,483.56		\$ 13,618.50		\$ 22,082.06	\$ 0.0247
709									
710									
711	National Grid								
712	Direct Assignment Facilities (DAR)					\$ 5,991.00		\$ 5,991.00	
713	LNS - NGrid					\$ 13,291.65		\$ 13,291.65	
714	Total National Grid					\$ 19,282.65		\$ 19,282.65	
715									
716	Energy New England								
717	All Requirements/ST Power Sply			\$ 7,483.00				\$ 7,483.00	
718	Spruce Mountain	148,170		\$ 14,705.92				\$ 14,705.92	\$ 0.0993
719	Spruce Mountain - REC Sales							\$ -	
720	Spruce Mountain - FCM Credit			\$ (1,102.46)				\$ (1,102.46)	
721	Brown Bear II/Hydro group	87,460		\$ 4,367.76				\$ 4,367.76	\$ 0.0499
722	Energy Purchase PSEG	2,574,894		\$ 117,801.40				\$ 117,801.40	\$ 0.0457
723	Financial Settlement PSEG			\$ (3,431.08)				\$ (3,431.08)	
724	HQ Administrative Fee							\$ -	
725	HQ Use Right Payment			\$ (731.96)				\$ (731.96)	
726	HQ HQICC Payment			\$ (2,215.30)				\$ (2,215.30)	
727	Financial Settlement - Exelon							\$ -	
728	Energy Purchase- NextEra	372,000		\$ 14,508.00				\$ 14,508.00	\$ 0.0390
729	Option Energy Purchase NextEra	496,000		\$ 18,989.76				\$ 18,989.76	\$ 0.0383
730	Option Mthly Fixed Cost-NextEra			\$ 6,960.00				\$ 6,960.00	
731	UCAP PURCHASES -NEXTERA			\$ 2,510.00				\$ 2,510.00	
732	UCAP SALE-NEXTERA ENERGY MARKET			\$ (9,315.00)				\$ (9,315.00)	
733	Energy Purchase Canton Mntn	113,371		\$ 11,289.03				\$ 11,289.03	\$ 0.0998
734	CANTON MNTN WIND FMC CREDIT			\$ (569.04)				\$ (569.04)	
735	ENE/ ISO							\$ -	
736	ISO Monthly Charges			\$ 213,807.30		\$ 112,605.38		\$ 326,412.68	
737	Weekly Sales/Purchases	-548,702		\$ (18,028.92)				\$ (18,028.92)	\$ 0.0329
738	Annual ISO Membership Fees							\$ -	
739	AM/ CM Credit							\$ -	
740	ENE/Constant Energy Capital								
741	Pascoag Power House - Energy	16,127		\$ 1,252.15				\$ 1,252.15	
742	Pascoag Power House -Transmission					\$ 8,955.71		\$ 8,955.71	Sept Transmiss
743	Total -Energy New England	3,259,320		\$ 378,280.56		\$ 121,581.09		\$ 499,841.65	
744									
745	Power Cost - October 2018	4,611,839	0	359,120.34		\$ 159,326.82		\$ 518,446.96	\$ 0.1124
746									
747	NYPA Interruptible Kwhrs:			Month		Y-T-D			
748	Niagara			94,000		704,000			
749	St Lawrence			348,000		1,888,800			
750				442,000		2,592,800			

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
Pascoag Utility District - Electric Department																	
Summary of Purchased Power Costs [1]																	
	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Estimate Nov-18	Estimate Dec-18	Total				
1	Purchased Energy (kWhs)																
2	1,632,000	1,411,000	995,000	834,000	879,000	690,000	990,000	1,052,000	1,182,000	1,286,000	873,000	902,000	12,057,000				
3	1,632,000	1,411,000	995,000	834,000	879,000	690,000	990,000	1,052,000	1,182,000	1,286,000	873,000	902,000	12,057,000				
4	Project 6 (Frankbrook)	897,469	897,469	961,702	994,094	961,312	994,686	994,437	941,688	66,319	940,000	973,000	10,703,971				
5	Mifflin Hydro Group/ Browns Bear	152,947	143,510	162,938	201,061	154,855	58,912	81,144	53,454	87,400	109,000	142,000	1,415,104				
6	Spence Mini	3,881,566	1,52,481	354,899	170,265	346,916	106,988	76,854	82,900	349,170	307,000	190,000	1,560,591				
7	Spence Mini REC Sales																
8	PSEG Settlement	[256,104]	[842]			29,273							[27,873]				
9	PSEG Energy	3,795,534	1,918,673	1,918,673	1,315,633	1,456,069	1,849,288	3,297,510	2,669,978	2,574,854	1,936,000	2,564,000	26,568,492				
10	NextEra Energy	869,000	786,000	867,500	840,000	868,000	868,000	868,000	840,000	868,000	840,000	868,000	10,139,500				
11	ISO Interchange																
12	NextEra ICAIP	355,302	1,20,947	373,265	105,609	96,202	51,295	50,792	58,929	113,371	126,000	146,000	1,380,670				
13	Canton Mini Wind	[290,258]	[917,207]	[240,539]	[7,143]	[132,547]	[85,718]	[131,639]	[300,614]	[548,702]	[114,000]	[166,000]	[2,081,597]				
14	ISO Weekly Arbitrage	370,709	17,223	22,866	30,364	23,900	4,020	7,219	76,035	46,127			353,159				
15	Constant Energy Capital																
16	Non Meter Customers	5,567,388	4,632,015	5,048,211	4,591,391	4,486,382	4,705,953	6,222,675	4,994,380	4,611,639	4,977,000	5,481,000	61,289,419				
17	Total Meters																
18	Purchased Power Expense																
19	NextEra Energy	11,996,144	12,152,722	17,663,300	11,080,000	11,701,499	11,155,600	12,376,664	12,153,300	13,292,715	11,216,116	11,857,244	123,805,144				
20	NextEra ICAIP	37,095,344	36,517,774	37,060,776	35,279,533	37,113,684	36,879,900	38,257,900	37,915,706	39,268,522	58,259,594	39,433,400	431,429,248				
21	NextEra Energy	[53,245,861]	[44,466,331]	[44,466,331]	[44,466,331]	[44,466,331]	[44,466,331]	[44,466,331]	[44,466,331]	[44,466,331]	[44,466,331]	[44,466,331]	[44,466,331]				
22	NextEra Energy	93,088	249,822	106,599	111,116	117,333	106,599	106,599	106,599	106,599	106,599	106,599	1,000,000				
23	NextEra Energy	[14,443,171]	[12,952,181]	[12,952,181]	[12,952,181]	[12,952,181]	[12,952,181]	[12,952,181]	[12,952,181]	[12,952,181]	[12,952,181]	[12,952,181]	[12,952,181]				
24	NextEra Energy	15,328,077	12,155,114	17,286,533	10,633,171	9,716,774	8,156,000	11,444,333	5,103,653	5,831,966	8,196,713	34,916,448	133,758,333				
25	NextEra Energy																
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59	NextEra Energy																
60	Market Value is based on the aggregate amount of Pascoag's required payments under the PSA's and PPA's, exclusive of the Reserve and Contingency Fund Holdings.																
61	to MWREC of December 31, 2016. These amounts are from Pascoag's audited financial statements per 37,50000																
62																	
63	2018 2019 2020 2021	\$750	\$750	\$750	\$750	\$750	\$750	\$750	\$750	\$750	\$750	\$750	\$5,000				
64	Cumulative Carry over - 12/31/2017*	[51,204]	[51,204]	[51,204]	[51,204]	[51,204]	[51,204]	[51,204]	[51,204]	[51,204]	[51,204]	[51,204]	[51,204]	[51,204]			
65	Monthly Transmission Exp.	[5454]	[5454]	[5454]	[5454]	[5454]	[5454]	[5454]	[5454]	[5454]	[5454]	[5454]	[5454]	[5454]			
66	*Cumulative Carry Over - See Schedule G4, Line 158																
67																	
68	Information on Schedule A-1 is from Pascoag's Summary of Purchased Power Expenses, submitted under separate cover as "Book F"																

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
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	A	B	C	D	E	F	G	H	I	J
125	Combined Standard Offer, Transition Charge, and Transmission Charge									
126		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>			Schedule C-1
127	Jan-16	\$486,652	\$574,653	\$538,592		\$36,061	\$522,713			
128	Feb-16	\$522,713	\$460,125	\$493,850		(\$33,725)	\$488,988			
129	Mar-16	\$488,988	\$391,702	\$441,455		(\$49,753)	\$439,235			
130	Apr-16	\$439,235	\$449,199	\$378,193		\$71,006	\$510,241			
131	May-16	\$510,241	\$366,325	\$412,346		(\$46,021)	\$464,220			
132	Jun-16	\$464,220	\$385,902	\$448,751		(\$62,849)	\$401,371			
133	Jul-16	\$401,371	\$463,263	\$514,431		(\$51,168)	\$350,203			
134	Aug-16	\$350,203	\$541,695	\$560,906		(\$19,211)	\$330,992			
135	Sep-16	\$330,992	\$543,820	\$445,026		\$98,794	\$429,786			
136	Oct-16	\$429,786	\$420,611	\$423,411		(\$2,800)	\$426,986			
137	Nov-16	\$426,986	\$392,185	\$440,793		(\$48,608)	\$378,378			
138	Dec-16	\$378,378	\$448,182	\$ 491,723		(\$43,541)	\$334,837			
139	Period Cumulative Over/(Under) collection					(\$151,815)		(A3, Line 160)		
140	Forecast Cumulative Over/(Under) Collection at 12/31/2016						\$334,837			
141										
142	Combined Standard Offer, Transition Charge, and Transmission Charge									
143		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>			
144	Jan-17	\$334,837	\$470,271	\$518,865		(\$48,594)	\$286,243			
145	Feb-17	\$286,243	\$477,608	\$488,823		(\$11,215)	\$275,029			
146	Mar-17	\$275,029	\$448,436	\$472,254		(\$23,818)	\$251,211			
147	Apr-17	\$251,211	\$454,546	\$459,494		(\$4,948)	\$246,263			
148	May-17	\$246,263	\$390,011	\$430,945		(\$40,934)	\$205,329			
149	Jun-17	\$205,329	\$424,653	\$525,806		(\$101,153)	\$104,176			
150	Jul-17	\$104,176	\$510,436	\$537,744		(\$27,308)	\$76,868			
151	Aug-17	\$76,868	\$496,376	\$461,884		\$34,492	\$111,360			
152	Sep-17	\$111,360	\$483,426	\$450,390		\$33,036	\$144,396			
153	Oct-17	\$144,396	\$440,895	\$426,183		\$14,712	\$159,108	Actual		
154	Nov-17	\$159,108	\$415,591	\$439,233		(\$23,642)	\$135,466	Actual		
155	Dec-17	\$135,466	\$471,618	\$ 532,813		(\$61,195)	\$74,271	Actual		
156	Period Cumulative Over/(Under) collection					(\$260,567)		(A3, Line 160)		
157	Forecast Cumulative Over/(Under) Collection at 12/31/2017						\$74,271			
158										
159	Combined Standard Offer, Transition Charge, and Transmission Charge									
160		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>			
161	Jan-18	\$74,271	\$532,439	\$ 449,000		\$83,439	\$157,710			
162	Feb-18	\$157,710	\$502,990	\$ 437,025		\$65,964	\$223,674			
163	Mar-18	\$223,674	\$441,655	\$ 409,135		\$32,521	\$256,195			
164	Apr-18	\$256,195	\$444,908	\$ 374,115		\$70,793	\$326,987			
165	May-18	\$326,987	\$396,124	\$ 393,091		\$3,033	\$330,020			
166	Jun-18	\$330,020	\$411,170	\$ 473,488		(\$62,318)	\$267,702			
167	Jul-18	\$267,702	\$510,524	\$ 575,303		(\$64,779)	\$202,923			
168	Aug-18	\$202,923	\$587,743	\$ 602,743		(\$15,000)	\$187,923			
169	Sep-18	\$187,923	\$553,203	\$ 528,223		\$24,980	\$212,903			
170	Oct-18	\$212,903	\$427,181	\$ 518,447		(\$91,266)	\$121,638			
171	Nov-18	\$121,638	\$421,411	\$ 501,501		(\$80,091)	\$41,547	Estimated		
172	Dec-18	\$41,547	\$479,940	\$ 543,870		(\$63,930)	(\$22,383)	Estimated		
173	Period Cumulative Over/(Under) collection					(\$96,654)		(A3, Line 160)		
174	Forecast Cumulative Over/(Under) Collection at 12/31/2018						(\$22,383)			

	A	B	C	D	E	F	G	H	I
123									Schedule C-3
124	Transition Charge								
125									
126		Start Bal	Revenue	Expense		Monthly	Cumulative		
127	Jan-16	(\$11,952)	\$58,559	\$44,500		\$14,059	\$2,107		
128	Feb-16	\$2,107	\$46,674	\$44,500		\$2,174	\$4,281		
129	Mar-16	\$4,281	\$39,714	\$44,500		(\$4,786)	(\$505)		
130	Apr-16	(\$505)	\$45,543	\$44,500		\$1,043	\$538		
131	May-16	\$538	\$37,141	\$44,500		(\$7,359)	(\$6,821)		
132	Jun-16	(\$6,821)	\$39,127	\$44,500		(\$5,373)	(\$12,194)		
133	Jul-16	(\$12,194)	\$46,969	\$44,500		\$2,469	(\$9,725)		
134	Aug-16	(\$9,725)	\$54,921	\$44,500		\$10,421	\$696		
135	Sep-16	\$696	\$55,137	\$44,500		\$10,637	\$11,333		
136	Oct-16	\$11,333	\$42,645	\$44,500		(\$1,855)	\$9,478		
137	Nov-16	\$9,478	\$39,763	\$44,500		(\$4,737)	\$4,741		
138	Dec-16	\$4,741	\$45,440	\$44,500		\$940	\$5,681		
139									
140		Period Cumulative Over/(Under) collection					\$17,633		
141									
142	Forecast Cumulative Over/(Under) Collection at 12/31/2016						\$5,681		
143									
144	Transition Charge								
145									
146		Start Bal	Revenue	Expense		Monthly	Cumulative		
147	Jan-17	\$5,681	\$47,698	\$48,083		(\$385)	\$5,296		
148	Feb-17	\$5,296	\$48,501	\$48,083		\$417	\$5,713		
149	Mar-17	\$5,713	\$45,542	\$48,083		(\$2,541)	\$3,173		
150	Apr-17	\$3,173	\$46,163	\$48,083		(\$1,920)	\$1,252		
151	May-17	\$1,252	\$39,609	\$48,083		(\$8,474)	(\$7,222)		
152	Jun-17	(\$7,222)	\$43,127	\$48,083		(\$4,956)	(\$12,178)		
153	Jul-17	(\$12,178)	\$51,839	\$48,083		\$3,756	(\$8,423)		
154	Aug-17	(\$8,423)	\$50,411	\$48,083		\$2,328	(\$6,095)		
155	Sep-17	(\$6,095)	\$49,096	\$48,083		\$1,013	(\$5,081)		
156	Oct-17	(\$5,081)	\$44,777	\$48,083		(\$3,307)	(\$8,388)		
157	Nov-17	(\$8,388)	\$42,207	\$48,083		(\$5,876)	(\$14,265)		
158	Dec-17	(\$14,265)	\$47,897	\$48,083		(\$187)	(\$14,451)		
159									
160		Period Cumulative Over/(Under) collection					(\$20,133)		
161									
162	Forecast Cumulative Over/(Under) Collection at 12/31/2017						(\$14,451)		<i>Handwritten mark</i>
163									
164									
165	Transition Charge								
166									
167		Start Bal	Revenue	Expense		Monthly	Cumulative		
168	Jan-18	(\$14,451)	\$42,530	\$750		\$41,780	\$27,330		
169	Feb-18	\$27,330	\$5,725	\$750		\$4,975	\$32,305		
170	Mar-18	\$32,305	\$1,736	\$750		\$986	\$33,291		
171	Apr-18	\$33,291	\$1,562	\$750		\$812	\$34,103		
172	May-18	\$34,103	\$1,545	\$750		\$795	\$34,898		
173	Jun-18	\$34,898	\$1,619	\$750		\$869	\$35,768		
174	Jul-18	\$35,768	\$2,006	\$750		\$1,256	\$37,024		
175	Aug-18	\$37,024	\$2,312	\$750		\$1,562	\$38,585		
176	Sep-18	\$38,585	\$2,176	\$750		\$1,426	\$40,011		
177	Oct-18	\$40,011	\$1,679	\$750		\$929	\$40,940		
178	Nov-18	\$40,940	\$1,656	\$750		\$906	\$41,846	Estimated	
179	Dec-18	\$41,846	\$1,886	\$750		\$1,136	\$42,982	Estimated	
180									
181		Period Cumulative Over/(Under) collection					\$57,433		
182									
183	Forecast Cumulative Over/(Under) Collection at 12/31/2018						\$42,982		

	A	B	C	D	E	F	G	H	I	
122	Transmission Charge									
123		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>		Schedule C-4	
124	Jan-16	\$8,906	\$172,764	\$ 145,489		\$27,275	\$36,181			
125	Feb-16	\$36,181	\$149,553	\$ 137,219		\$12,334	\$48,515			
126	Mar-16	\$48,515	\$127,856	\$ 140,601		(\$12,745)	\$35,770			
127	Apr-16	\$35,770	\$146,624	\$ 132,689		\$13,935	\$49,705			
128	May-16	\$49,705	\$119,563	\$ 139,161		(\$19,598)	\$30,107			
129	Jun-16	\$30,107	\$125,963	\$ 133,516		(\$7,553)	\$22,554			
130	Jul-16	\$22,554	\$151,214	\$ 108,750		\$42,464	\$65,018			
131	Aug-16	\$65,018	\$176,816	\$ 144,966		\$31,850	\$96,868			
132	Sep-16	\$96,868	\$177,509	\$ 125,090		\$52,419	\$149,287			
133	Oct-16	\$149,287	\$137,293	\$ 141,157		(\$3,864)	\$145,423			
134	Nov-16	\$145,423	\$128,014	\$ 131,754		(\$3,740)	\$141,683			
135	Dec-16	\$141,683	\$146,292	\$ 123,405		\$22,887	\$164,570			
136										
137		Period Cumulative Over/(Under) collection					\$155,664			
138										
139	Forecast cumulative Over/(Under) Collection at 12/31/2016							\$164,570		
140	Transmission Charge									
141		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>			
142	Jan-17	\$164,570	\$152,574	\$ 163,604		(\$11,030)	\$153,540			
143	Feb-17	\$153,540	\$151,944	\$ 148,312		\$3,632	\$157,172			
144	Mar-17	\$157,172	\$142,459	\$ 137,207		\$5,252	\$162,424			
145	Apr-17	\$162,424	\$144,400	\$ 140,245		\$4,156	\$166,580			
146	May-17	\$166,580	\$123,899	\$ 141,002		(\$17,103)	\$149,477			
147	Jun-17	\$149,477	\$134,904	\$ 141,881		(\$6,977)	\$142,500			
148	Jul-17	\$142,500	\$162,155	\$ 148,286		\$13,869	\$156,369			
149	Aug-17	\$156,369	\$157,689	\$ 146,113		\$11,576	\$167,945			
150	Sep-17	\$167,945	\$153,575	\$ 152,969		\$607	\$168,552			
151	Oct-17	\$168,552	\$140,064	\$ 139,047		\$1,017	\$169,569			
152	Nov-17	\$169,569	\$132,025	\$ 141,818		(\$9,793)	\$159,776			
153	Dec-17	\$159,776	\$149,824	\$ 151,596		(\$1,772)	\$158,004			
154										
155		Period Cumulative Over/(Under) collection					(\$6,566)			
156										
157	Forecast cumulative Over/(Under) Collection at 12/31/2017							\$158,004		
158										
159	Transmission Charge									
160		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>			
161	Jan-18	\$158,004	\$166,118	\$ 146,756		\$19,362	\$177,366			
162	Feb-18	\$177,366	\$147,893	\$ 176,468		(\$28,574)	\$148,791			
163	Mar-18	\$148,791	\$128,995	\$ 146,286		(\$17,291)	\$131,500			
164	Apr-18	\$131,500	\$129,897	\$ 134,581		(\$4,684)	\$126,817			
165	May-18	\$126,817	\$115,694	\$ 137,703		(\$22,009)	\$104,807			
166	Jun-18	\$104,807	\$120,092	\$ 118,349		\$1,743	\$106,551			
167	Jul-18	\$106,551	\$149,110	\$ 129,439		\$19,671	\$126,222			
168	Aug-18	\$126,222	\$171,665	\$ 152,578		\$19,087	\$145,309			
169	Sep-18	\$145,309	\$161,576	\$ 147,064		\$14,512	\$159,821			
170	Oct-18	\$159,821	\$124,768	\$ 159,327		(\$34,559)	\$125,262			
171	Nov-18	\$125,262	\$123,082	\$ 148,717		(\$25,635)	\$99,627	Estimate		
172	Dec-18	\$99,627	\$140,177	\$ 149,982		(\$9,805)	\$89,823	Estimate		
173										
174		Period Cumulative Over/(Under) collection					(\$68,181)			
175										
176	Forecast cumulative Over/(Under) Collection at 12/31/2018							\$89,823		

	A	B	C	D	E	F	G	H	I	J	K
97											Schedule E
98	Summary of Energy Sales to Customers Fiscal Year 2016										
99			2016		2016		2014			3-Year Average	
100	January		5,279		5,487		5,614			5,460	
101	February		4,840		4,788		5,252			4,960	
102	March		4,150		5,015		4,465			4,543	
103	April		4,760		4,188		4,399			4,449	
104	May		3,880		3,979		4,308			4,056	
105	June		4,087		4,196		4,164			4,149	
106	July		4,908		4,494		4,652			4,685	
107	August		5,739		5,562		5,395			5,565	
108	September		5,761		5,452		4,765			5,326	
109	October		4,456		4,521		4,339			4,439	
110	November		4,155		4,342		4,468			4,322	
111	December		4,748		4,042		4,249			4,346	
112					56,065		56,069			56,299	
113											
114	Summary of Energy Sales to Customers Fiscal Year 2017										
115			2017		2016		2015			3-Year Average	
116	January		4,911		5,279		5,487			5,226	
117	February		4,758		4,840		5,487			5,028	
118	March		4,452		4,150		4,788			4,463	
119	April		4,513		4,760		5,015			4,763	
120	May		3,872		3,880		4,188			3,980	
121	June		4,216		4,087		3,979			4,094	
122	July		5,068		4,908		4,196			4,724	
123	August		4,928		5,739		4,494			5,054	
124	September		4,799		5,761		5,562			5,374	
125	October		4,377		4,456		5,452			4,762	
126	November		4,126		4,155		4,521			4,267	
127	December		4,682		4,748		4,342			4,591	Divided By 3
128			54,702		58,779		57,510			56,325	
129	Growth Factor of 0.75% was used										424
130										56,749	
131	Summary of Energy Sales to Customers Fiscal Year 2018										
132			2018		2017		2016			3-Year Average	
133	January		5,274		4,911		5,279			5,155	
134	February		4,945		4,758		4,840			4,848	
135	March		4,339		4,452		4,150			4,314	
136	April		4,371		4,513		4,760			4,548	
137	May		3,892		3,872		3,880			3,881	
138	June		4,039		4,216		4,087			4,114	
139	July		5,015		5,068		4,766			4,950	
140	August		5,774		4,928		5,739			5,480	
141	September		5,435		4,799		5,761			5,332	
142	October		4,197		4,377		4,456			4,343	
143	November				4,126		4,155			4,141	divided by 2
144	December				4,682		4,748			4,715	"
145			47,280		54,702		56,621			55,820	
146	Negative Growth Factor										552
147										55,268	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
		Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sept 2019	Oct 2019	Nov 2019	Dec 2019	Period Total	
		(MWH) Forecast	(MWH) Forecast	(MWH) Forecast	(MWH) Forecast	(MWH) Forecast	(MWH) Forecast	(MWH) Forecast	(MWH) Forecast	(MWH) Forecast	(MWH) Forecast	(MWH) Forecast	(MWH) Forecast	(MWH) Forecast	
1	Resources														
2		803	806	803	864	893	893	893	893	894	893	894	893	10,513	
3		973	879	875	942	973	942	973	973	942	973	940	973	11,455	
4		3,669	1,945	1,869	1,806	1,866	1,866	1,866	1,866	1,806	1,866	1,804	1,866	21,971	
5	NYP&A - Firm														
6	Seabrook														
7	Sub-total Base														
8	FOM Payments by LP														
9	FOM Costs														
10	ISO FOM Costs														
11	Nuclear RISE Capacity Purchase														
12	Nuclear RISE Energy Purchase														
13	Miller Hydro														
14	Spence Mnt Purchase														
15	PSIG "Bat Power"														
16	Canton Wind Purchase														
17	Canton Wind Purchase														
18	Sub-total Intermediate														
19	NYP&A - Peak														
20	Sub-total Peaking														
21	ISO Energy Use Incentive														
22	Total MWH Purchased														
23	Purchased Power Cost														
24	NYP&A Firm														
25	(1) NYP&A Firm														
26	(2) Seabrook														
27	(3) Seabrook Transmission														
28	Sub-total Base														
29	FOM Payments by LP														
30	ISO FOM Costs														
31	Nuclear RISE Capacity Purchase														
32	Nuclear RISE Energy Purchase														
33	Miller Hydro														
34	Spence Mnt Purchase														
35	Spence Mnt REC Sales														
36	PSIG "Bat Power"														
37	Canton Wind Purchase														
38	Nuclear RISE Capacity Purchase														
39	Sub-total Intermediate														
40	NYP&A - Peak														
41	(1) NYP&A - Peaking Transmission														
42	Sub-total Peaking														
43	ISO Energy Net Interchange														
44															
45	Service Bldg														
46	(1) Hydro Output (Transmission)														
47	Hydro Output (Plant Cost)														
48	ISO Energy Net Interchange														
49	ISO Energy Net Interchange														
50	ISO Energy Net Interchange														
51	ISO Energy Net Interchange														
52	ISO Energy Net Interchange														
53	ISO Energy Net Interchange														
54	ISO Energy Net Interchange														
55	ISO Energy Net Interchange														
56	ISO Energy Net Interchange														
57	ISO Energy Net Interchange														
58	ISO Energy Net Interchange														
59	Total Energy (Plant and Variable)														
60	Total Energy (Plant and Variable)														
61	Total Costs for Peak														
62	Total Costs for Peak														
63	Total Costs for Peak														

(1) Please see Energy New England's Shift Power Cost Projections, Spreadsheet G-1 to G-13
 (2) The total for Seabrook (Project 6) includes any Surplus Fund Credit

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Pascoag Utility District															
	Restated Forecast Purchased Power Costs															
	Indicates Transmission Changes															
	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Period Total			
	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
64	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000	\$ 11,000
65	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)	(\$3,582)
66	7,418	7,418	7,418	7,418	7,418	7,418	7,418	7,418	7,418	7,418	7,418	7,418	7,418	7,418	7,418	7,418
67	\$ 157,131	\$ 153,154	\$ 152,268	\$ 151,573	\$ 150,798	\$ 149,874	\$ 149,295	\$ 148,504	\$ 147,825	\$ 147,214	\$ 146,588	\$ 145,914	\$ 145,214	\$ 144,514	\$ 143,814	\$ 143,114
68	\$ 157,131	\$ 155,154	\$ 154,268	\$ 153,573	\$ 152,798	\$ 151,874	\$ 151,295	\$ 150,504	\$ 149,825	\$ 149,214	\$ 148,588	\$ 147,914	\$ 147,214	\$ 146,514	\$ 145,814	\$ 145,114
69	\$ 10,905	\$ 10,478	\$ 10,052	\$ 9,763	\$ 9,510	\$ 9,263	\$ 9,010	\$ 8,763	\$ 8,510	\$ 8,263	\$ 8,010	\$ 7,763	\$ 7,510	\$ 7,263	\$ 7,010	\$ 6,763
70	\$ 453	\$ 448	\$ 453	\$ 451	\$ 453	\$ 451	\$ 453	\$ 453	\$ 453	\$ 453	\$ 453	\$ 453	\$ 453	\$ 453	\$ 453	\$ 453
71	\$ 7,398	\$ 6,236	\$ 7,332	\$ 9,311	\$ 7,789	\$ 7,391	\$ 6,152	\$ 4,439	\$ 2,972	\$ 3,718	\$ 4,722	\$ 5,726	\$ 6,730	\$ 7,734	\$ 8,738	\$ 9,742
72	\$ 25,858	\$ 24,112	\$ 25,850	\$ 25,337	\$ 25,865	\$ 26,493	\$ 26,493	\$ 26,493	\$ 26,493	\$ 26,493	\$ 26,493	\$ 26,493	\$ 26,493	\$ 26,493	\$ 26,493	\$ 26,493
73	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177	\$ 53,177
74	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314	\$ 208,314
75	\$ 17,278	\$ 11,321	\$ 16,882	\$ 14,704	\$ 7,724	\$ 1,605	\$ 8,920	\$ 4,983	\$ 4,983	\$ 4,983	\$ 4,983	\$ 4,983	\$ 4,983	\$ 4,983	\$ 4,983	\$ 4,983
76	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719	\$ 42,719
77	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510	\$ 2,510
78	\$ 98,130	\$ 81,107	\$ 77,659	\$ 43,355	\$ 58,097	\$ 78,778	\$ 123,845	\$ 122,967	\$ 84,809	\$ 69,240	\$ 71,931	\$ 103,910	\$ 103,910	\$ 103,910	\$ 103,910	\$ 103,910
79	\$ 34,398	\$ 33,883	\$ 34,402	\$ 34,230	\$ 34,398	\$ 34,200	\$ 35,601	\$ 22,138	\$ 21,970	\$ 22,138	\$ 21,963	\$ 22,138	\$ 22,138	\$ 22,138	\$ 22,138	\$ 22,138
80	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100
81	\$ 10,791	\$ 15,907	\$ 15,890	\$ 221	\$ 32,789	\$ 22,320	\$ 1,553	\$ 97	\$ 1,553	\$ 1,553	\$ 1,553	\$ 1,553	\$ 1,553	\$ 1,553	\$ 1,553	\$ 1,553
82	\$ 5,417	\$ 7,832	\$ 4,718	\$ 5,263	\$ 4,938	\$ 4,598	\$ 4,974	\$ 4,378	\$ 7,589	\$ 6,832	\$ 3,689	\$ 10,915	\$ 10,915	\$ 10,915	\$ 10,915	\$ 10,915
83	\$ 4,098	\$ 9,672	\$ 6,072	\$ 6,203	\$ 7,986	\$ 8,483	\$ 8,855	\$ 9,428	\$ 8,885	\$ 7,920	\$ 7,895	\$ 7,889	\$ 7,889	\$ 7,889	\$ 7,889	\$ 7,889
84	\$ 15,240	\$ 13,310	\$ 17,659	\$ 17,918	\$ 17,918	\$ 17,918	\$ 17,918	\$ 17,918	\$ 17,918	\$ 17,918	\$ 17,918	\$ 17,918	\$ 17,918	\$ 17,918	\$ 17,918	\$ 17,918
85	\$ 28,887	\$ 26,074	\$ 28,828	\$ 27,956	\$ 28,887	\$ 27,956	\$ 28,887	\$ 28,887	\$ 28,887	\$ 28,887	\$ 27,975	\$ 28,887	\$ 28,887	\$ 28,887	\$ 28,887	\$ 28,887
86	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150	\$ 7,150
87	\$ 423,484	\$ 389,250	\$ 384,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
88	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
89	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000
90	\$ 157,151	\$ 155,154	\$ 154,268	\$ 153,573	\$ 152,798	\$ 151,874	\$ 151,295	\$ 150,504	\$ 149,825	\$ 149,214	\$ 148,588	\$ 147,914	\$ 147,214	\$ 146,514	\$ 145,814	\$ 145,114
91	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
92	\$ 590,615	\$ 544,404	\$ 536,833	\$ 502,365	\$ 524,556	\$ 490,128	\$ 533,293	\$ 516,474	\$ 487,273	\$ 437,125	\$ 496,648	\$ 514,936	\$ 514,936	\$ 514,936	\$ 514,936	\$ 514,936
93	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
94	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000
95	\$ 157,151	\$ 155,154	\$ 154,268	\$ 153,573	\$ 152,798	\$ 151,874	\$ 151,295	\$ 150,504	\$ 149,825	\$ 149,214	\$ 148,588	\$ 147,914	\$ 147,214	\$ 146,514	\$ 145,814	\$ 145,114
96	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
97	\$ 590,615	\$ 544,404	\$ 536,833	\$ 502,365	\$ 524,556	\$ 490,128	\$ 533,293	\$ 516,474	\$ 487,273	\$ 437,125	\$ 496,648	\$ 514,936	\$ 514,936	\$ 514,936	\$ 514,936	\$ 514,936
98	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
99	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000
100	\$ 157,151	\$ 155,154	\$ 154,268	\$ 153,573	\$ 152,798	\$ 151,874	\$ 151,295	\$ 150,504	\$ 149,825	\$ 149,214	\$ 148,588	\$ 147,914	\$ 147,214	\$ 146,514	\$ 145,814	\$ 145,114
101	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
102	\$ 590,615	\$ 544,404	\$ 536,833	\$ 502,365	\$ 524,556	\$ 490,128	\$ 533,293	\$ 516,474	\$ 487,273	\$ 437,125	\$ 496,648	\$ 514,936	\$ 514,936	\$ 514,936	\$ 514,936	\$ 514,936
103	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
104	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000
105	\$ 157,151	\$ 155,154	\$ 154,268	\$ 153,573	\$ 152,798	\$ 151,874	\$ 151,295	\$ 150,504	\$ 149,825	\$ 149,214	\$ 148,588	\$ 147,914	\$ 147,214	\$ 146,514	\$ 145,814	\$ 145,114
106	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
107	\$ 590,615	\$ 544,404	\$ 536,833	\$ 502,365	\$ 524,556	\$ 490,128	\$ 533,293	\$ 516,474	\$ 487,273	\$ 437,125	\$ 496,648	\$ 514,936	\$ 514,936	\$ 514,936	\$ 514,936	\$ 514,936
108	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
109	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000
110	\$ 157,151	\$ 155,154	\$ 154,268	\$ 153,573	\$ 152,798	\$ 151,874	\$ 151,295	\$ 150,504	\$ 149,825	\$ 149,214	\$ 148,588	\$ 147,914	\$ 147,214	\$ 146,514	\$ 145,814	\$ 145,114
111	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
112	\$ 590,615	\$ 544,404	\$ 536,833	\$ 502,365	\$ 524,556	\$ 490,128	\$ 533,293	\$ 516,474	\$ 487,273	\$ 437,125	\$ 496,648	\$ 514,936	\$ 514,936	\$ 514,936	\$ 514,936	\$ 514,936
113	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487	\$ 383,487
114	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000	\$ 31,000
115	\$ 157,151	\$ 155,154	\$ 154,268	\$ 153,573	\$ 152,798	\$ 151,874	\$ 151,295	\$ 150,504	\$ 149,825	\$ 149,214	\$ 148,588	\$ 147,914	\$ 147,214	\$ 146,514	\$ 145,814	\$ 145,114
116	\$ 412,484	\$ 378,250	\$ 383,487	\$ 383,487	\$ 383,487											

Forecast RatesTransition Cost Calculations:

Estimated Sales (MWH) to customers	55,268	See Schedule F-2, Line 114
Forecast Transition Cost	\$132,000	See Schedule F-2, line 70
Historic Transition Revenue	(\$66,433)	See Schedule A-3, Line 155
Historic Transition Expense	\$ 9,000	See Schedule A-2, Line 78
Carry over from prior period (12/31/2017)	<u>\$14,451</u>	See Schedule C-3, Line 162
Total	\$89,018	

Cost Per MWH \$ 1.61 Transition Charge

Transmission Cost Calculations:

Estimated Sales (MWH) to customers	55,268	See Schedule F-2, Line 114
Forecast Transmission Cost	\$1,850,825	See Schedule F-2, line 76
Historic Transmission Revenue	(\$1,679,067)	See Schedule A-3, Line 157
Historic Transmission Expense	\$ 1,747,248	See Schedule A-2, Line 85
Carry over from prior period (12/31/2017)	<u>(\$158,004)</u>	See Schedule C-4, Line 157
Total	\$1,761,003	

Cost per MWH \$ 31.86 Transmission Charge

Standard Offer Calculation:

Estimated Sales (MWH) to customers	55,268	See Schedule F-2, Line 114
Forecast Standard Offer	\$4,151,814	See Schedule F-2, line 101
Historic SOS Revenue	(\$3,963,788)	See Schedule A-3, Line 156
Historic SOS Expense	\$ 4,049,693	See Schedule A-2, Line 123
Carry over from prior period (12/31/2017)	<u>\$69,282</u>	See Schedule C-2, Line 161
Total	\$4,307,001	

Cost per MWH \$ 77.93 Standard Offer Service

(1) This is the net amount including any over/(under) recovery

Purchase Power Reserve Fund Credit

Estimated Sale (MWH) to customers	55,268	See Schedule F-2, Line 116
-----------------------------------	--------	----------------------------

Total Flow back for 2018 \$ (161,079.00)

Cost Per MWH \$ (2.91) Purchase Power Reserve Fund Credit

(2) this is the net amount including the PPRFC

Total \$ 108.49

Revenue/Expense Proof:

Forecast Transition Cost	\$ 132,000	See Schedule F-2, line 72	
Over/Under Collection at period end	<u>\$ (42,982)</u>	Schedule C-3, Line 183	
	\$ 89,018	\$	1.61
Forecast Transmission Cost	\$ 1,850,825	See Schedule F-2, line 76	
Over/Under Collection at period end	<u>\$ (89,823)</u>	Schedule C-4, Line 176	
	\$ 1,761,003	\$	31.86
Forecast SOS Cost	\$ 4,151,814	See Schedule F-2, line 101	
Over/Under Collection at period end	<u>\$155,188</u>	Schedule C-2, Line 181	
	\$ 4,307,002	\$	77.93
Purchase Power Reserve Fund Credit	\$ (161,079.00)	\$	(2.91)
		<u>\$</u>	<u>108.49</u>

Pascoag Utility District - Electric Department
Comparison of Current Rate vs. Proposed Rate
Impact on a 500 KiloWatt/Hour Residential Customer

Column 1 Approved Rate December 2017 (For 2018)		Column 2 Rate Requested December 2018 (For 2019)	
	Unit Cost	Total	
Customer Charge	\$ 6.00	\$ 6.00	Customer Charge
Distribution	\$ 0.03922	\$ 19.61	Distribution
Transition	\$ 0.00040	\$ 0.20	Transition
Standard Offer	\$ 0.07166	\$ 35.83	Standard Offer
Transmission	\$ 0.02973	\$ 14.87	Transmission
DSM/ Renewables	\$ 0.00230	\$ 1.15	DSM/Renewables
PPRFC	\$ (0.00469)	\$ (2.35)	PPRFC
Total		\$ 75.31	Total
Net Increase/(Decrease)		\$ 2.01	Net Increase/(Decrease)
Percent Increase/(Decrease)		2.3%	Percent Increase/(Decrease)
Transition	\$ 0.00040		Transition
SOS	\$ 0.07166		SOS
PPRFC	\$ (0.00469)		PPRFC
Transmission	\$ 0.02973		Transmission
Total		\$ 0.09710	Total
			Increase/(decrease)
			\$ 0.00121
			\$ 0.00627
			\$ 0.00178
			\$ 0.00213
			\$ 0.01139



PASCOAG
UTILITY DISTRICT

Pascoag Electric • Pascoag Water

253 Pascoag Main Street
P.O. Box 107
Pascoag, RI 02859
Phone: 401-568-6222
Fax: 401-568-0066
www.pud-ri.org

Pascoag Utility District – Electric Department
Addendum Year-End Status Report for Standard Offer Service,
Transmission and Transition Reconciliation

RIPUC Docket No.: 4895

October 2018 Purchase Power Invoices

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: OCTOBER 2018

Project Name	KW Capability	KWH Generation	Capacity	Fuel	Transmission	Total Net Monthly Power Costs	Cost per KWH
Project Six	75,020	3,727,661	1,036,136.63	22,067.75	3,257.39	1,061,461.77	.2848
TOTAL		3,727,661	\$1,036,136.63	\$22,067.75	\$3,257.39	\$1,061,461.77	\$0.2848

Project Name	KW Capability	KWH Generation	Capacity	Fuel	Transmission	Total Net Monthly Power Costs	Cost per KWH
Project Six	1,335	66,319	18,433.91	392.61	57.95	18,884.47	.2848
TOTAL		66,319	\$18,433.91	\$392.61	\$57.95	\$18,884.47	\$0.2848

Project Name	KW Capability	KWH Generation	Capacity	Fuel	Transmission	Total Net Monthly Power Costs	Cost per KWH
Seabrook	1,335	66,319	18,433.91	392.61	57.95	18,884.47	.2848
TOTAL		66,319	\$18,433.91	\$392.61	\$57.95	\$18,884.47	\$0.2848

MONTHLY TOTAL BY FACILITY - PARTICIPANT SHARE

energy
188210.52
Trans

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

Participant Prepaid Balance Summary Report
 Project Name: Project Six
 Beginning Balance (\$414.80) December - 2017

2018	Billing (Budget)	KWH Generation	Capacity	Fuel	Transmission	Ending Balance	Surplus Funds and Other Credits
January	\$37,389.50	993,394	\$31,174.45	\$5,880.89	\$73.66	(\$154.30)	\$8,779.53
February	36,821.83	897,469	31,204.72	5,313.02	43.39	\$106.40	0.00
March	37,129.99	992,080	31,187.65	5,873.11	60.46	\$115.17	0.00
April	36,934.24	961,702	31,186.26	5,693.27	61.85	\$108.03	0.00
May	37,122.22	994,094	31,228.64	5,885.04	19.47	\$97.10	0.00
June	36,942.40	961,312	31,183.93	5,690.97	64.19	\$100.41	0.00
July	38,312.16	992,686	32,381.20	5,876.70	52.68	\$101.99	0.00
August	38,304.17	990,417	32,374.58	5,863.27	59.31	\$109.00	0.00
September	38,125.79	941,498	32,340.09	5,573.67	93.79	\$227.24	0.00
October	18,763.55	66,319	18,433.91	392.61	57.95	\$106.32	18,763.55
November	37,481.26	0	0.00	0.00	0.00	\$37,587.58	12,771.00
December	0.00	0	0.00	0.00	0.00	\$37,587.58	0.00
TOTAL	\$393,327.11	8,790,971	\$302,695.43	\$52,042.55	\$586.75		\$40,314.08

Credit

\$ 12,771

\$ 12,771

165.03

555.0

Recognized in Oct

Oct - Other Credit



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

Participant Prepaid Balance Summary Report
 Project Name: Project Six
 Beginning Balance (\$414.80) December - 2017

2018	Billing (Budget)	KWH Generation	Capacity	Fuel	Transmission	Ending Balance	Surplus Funds and Other Credits
January	\$37,389.50	993,394	\$31,174.45	\$5,880.89	\$73.66	(\$154.30)	\$8,779.53
February	36,821.83	897,469	31,204.72	5,313.02	43.39	\$106.40	0.00
March	37,129.99	992,080	31,187.65	5,873.11	60.46	\$115.17	0.00
April	36,934.24	961,702	31,186.26	5,693.27	61.85	\$108.03	0.00
May	37,122.22	994,094	31,228.64	5,885.04	19.47	\$97.10	0.00
June	36,942.40	961,312	31,183.93	5,690.97	64.19	\$100.41	0.00
July	38,312.16	992,686	32,381.20	5,876.70	52.68	\$101.99	0.00
August	38,304.17	990,417	32,374.58	5,863.27	59.31	\$109.00	0.00
September	38,125.79	941,498	32,340.09	5,573.67	93.79	\$227.24	0.00
October	18,763.55	0	0.00	0.00	0.00	\$18,990.79	18,763.55
November	0.00	0	0.00	0.00	0.00	\$18,990.79	0.00
December	0.00	0	0.00	0.00	0.00	\$18,990.79	0.00
TOTAL	\$355,845.85	8,724,652	\$284,261.52	\$51,649.94	\$528.80		\$27,543.08

165.03 18763.55

Debit Credit

555

18763.35

mmwec other credit

(out)

11/20/2018 7:48:26 am

GENERAL LEDGER
JOURNAL DETAIL

Page: 1

Journal : 2018009124
Description : Journal Entry
Created Date : 11/20/2018
Created By : pscghjr
Status : Approved

Approved/Rejected Date : 11/20/2018
Approved/Rejected By : pscghjr
Module : General Ledger
Journal Activity : Journal Entry
Batch : SJE 2

Line	Div Account	Description	Dept	Actv	BU Project	Jrnl Code Reference	Date	Debit	Credit
1	1 0253.0	Deferred Credits/Other Deferred Credit	0	0		0 Surplus funds 2018/2019	10/31/2018	2,786.95	
2	1 0555.0	Purchase Power	0	0		0 Surplus funds 2018/2019	10/31/2018		2,786.95
Total for Journal Number 2018009124:								2,786.95	2,786.95



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

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

Invoice Number:	60514
Invoice Date:	11/08/2018
Due Date:	12/08/2018
Customer ID:	1150

Service Bill

Billing Period 10, for services rendered under the All Requirements Agreement or MMWEC Service Agreement, as applicable

Bill Code	Description of Charges	Amount
00CB	Consolidated Billing Administr	53.51
NY41	Pascoag - NYPA Power Administr	276.50
Total Due:		\$ 330.01

Payment Instructions

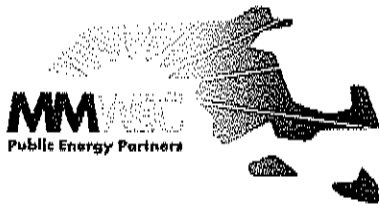
PLEASE MAKE PAYMENT TO MMWEC VIA:

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

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

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

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



Massachusetts Municipal Wholesale Electric Company
 Stony Brook Energy Center
 327 Moody Street
 Ludlow, Massachusetts 01056

OCT 25 2018

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

Statement Date:	10/22/2018
Due Date:	11/20/2018
Customer ID:	1150
Power Period:	September 2018

CONSOLIDATED BILLING STATEMENT FOR INVOICES RENDERED FOR THE
 PERIOD September 22,2018 TO October 22,2018

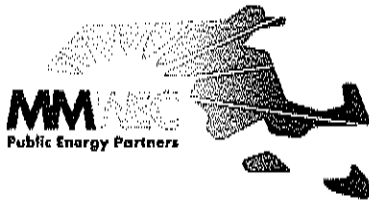
SEE ATTACHED INVOICES FOR BILLING DETAIL

INV #	DESCRIPTION	AMOUNT	KWH
59618	HYDRO QUEBEC PHASE I	\$225.40	
59648	HYDRO QUEBEC PHASE I	56.88	
59669	HYDRO QUEBEC PHASE II	932.04	
59960	SERVICE BILLING	205.04	
60142	PROJECT SIX	24,710.26	

Oct
- Sept
Prepayment

TOTAL DUE \$26,129.62

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



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

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

Invoice Number:	59618 RI
Invoice Date:	10/02/2018
Due Date:	10/12/2018
Customer ID:	1150

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

	MMWEC Share	PART. %	Participant Share
Percent Participation			
Capability	<u>23,826 KW</u>	0.6617 %	<u>158 KW</u>
Total Capability	23,826 KW		158 KW
Generation (KWH)			
Generation - Sold			0 KWH
Generation - Purchased	<u>0 KWH</u>	0.6617 %	<u>0 KWH</u>
Total Net Generation	0 KWH		0 KWH
Capacity Charge			
Capacity Charge	<u>\$0.00</u>	0.6617 %	<u>\$0.00</u>
Total Capacity	\$0.00		\$0.00
Energy Charge			
Energy Charge	<u>\$0.00</u>	0.6617 %	<u>\$0.00</u>
Energy Charge - NEPOOL Charges			<u>\$0.00</u>
Total Energy	\$0.00		\$0.00
Other Charges / Credits			\$0.00
Transmission Costs	<u>\$2,827.48</u>	0.6617 %	<u>\$18.71</u>
Sub Total - Purchased Power	\$2,827.48		\$18.71
Administrative Expense	\$31,216.69	0.6617 %	\$206.56
Administrative Expense - Line of Credit	\$17.06	0.6617 %	\$0.13
Investment Earnings Credit			\$0.00
Interest on Borrowings - Line of Credit			\$0.00
Interest Expense			<u>\$0.00</u>
Total Admin & Other Costs	\$31,233.75		\$206.69
Assessments			
Reserve Trust			\$0.00
Working Capital			<u>\$0.00</u>
Total MMWEC Share	<u>\$34,061.23</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: \$225.40

Payment Instructions

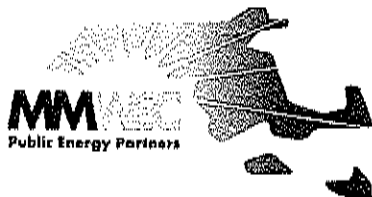
PLEASE MAKE PAYMENT TO MMWEC VIA:

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

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

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

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



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

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

Invoice Number:	59648 RI
Invoice Date:	10/02/2018
Due Date:	10/16/2018
Customer ID:	1150

Hydro Quebec Phase I
 Billing Period - Oct. 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>\$8,596.37</u>	0.6617 %	<u>\$56.88</u>
Sub Total - Purchased Power	\$8,596.37		\$56.88
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>\$8,596.37</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: \$56.88

Payment Instructions

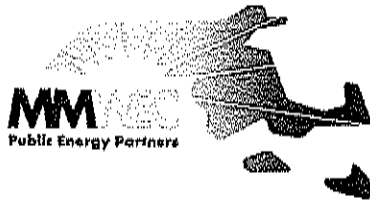
PLEASE MAKE PAYMENT TO MMWEC VIA:

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

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

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

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



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

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

Invoice Number:	59669 RI
Invoice Date:	10/02/2018
Due Date:	10/12/2018
Customer ID:	1150

Hydro Quebec II Equity
 Billing Period - October 2018

	MMWEC Share	PART. %	Participant Share
Percent Participation			
Capability	<u>8,400 KW</u>	3.6300 %	<u>305 KW</u>
Total Capability	8,400 KW		305 KW
Generation (KWH)			
Generation - Sold			0 KWH
Generation - Purchased	<u>0 KWH</u>	3.6300 %	<u>0 KWH</u>
Total Net Generation	0 KWH		0 KWH
Capacity Charge			
Capacity Charge	<u>\$0.00</u>	3.6300 %	<u>\$0.00</u>
Total Capacity	\$0.00		\$0.00
Energy Charge			
Energy Charge	<u>\$0.00</u>	3.6300 %	<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>\$25,005.51</u>	3.6300 %	<u>\$907.70</u>
Sub Total - Purchased Power	\$25,005.51		\$907.70
Administrative Expense	\$670.55	3.6300 %	\$24.34
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			<u>\$0.00</u>
Total Admin & Other Costs	\$670.55		\$24.34
Assessments			
Reserve Trust			\$0.00
Working Capital			<u>\$0.00</u>
Total MMWEC Share	<u>\$25,676.06</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: \$932.04

Payment Instructions

PLEASE MAKE PAYMENT TO MMWEC VIA:

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

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

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

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

MASS MUNICIPAL WHOLESALE ELEC. CO
3327 Moody Street
LUDLOW, MASSACHUSETTS 01056

INVOICE SUMMARY
POWER SALES AGREEMENT
BILLING STATEMENT

INVOICE DATE: 10/19/2018
DUE DATE: * 11/20/2018
Customer ID: 1150

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

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

<u>PROJECT DESCRIPTION</u>	<u>INVOICE NUMBER</u>	<u>TOTAL INVOICE (1)</u>
PROJECT SIX	60142	\$ 24,710.26
	SUB TOTAL DUE	\$ 24,710.26 (2)
		<u>\$ 24,710.26</u>
	TOTAL DUE	<u>\$ 24,710.26</u>

- (1) SEE ATTACHED FOR DETAILED BILLING AMOUNTS
(2) AMOUNT PAYABLE TO THE ZERO BALANCE ACCOUNT, IF APPLICABLE

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

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

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

MAKE CHECK PAYABLE TO:

(2) "MMWEC - ZERO BALANCE", 327 MOODY STREET, LUDLOW, MA 01056-0426

TO BE RECEIVED ON OR BEFORE THE DUE DATE

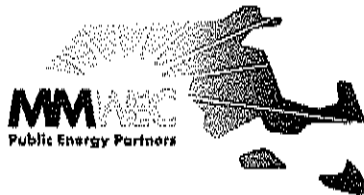
MASSACHUSETTS MUNICIPAL WHOLESALE ELECTRIC COMPANY
 PROJECT SIX
 BILLING ANALYSIS FOR THE MONTH OF
 November 2018

PASCOAG		<u>100%</u>	<u>1,7791%</u>
1. Cumulative billings, net of expenses through September	(1)	(\$3,742.69)	(1) (\$102.17)
2. Adjusted Billing for October (Billed in September)		\$1,034,636.70	\$18,763.04
3. Funds available for October		<u>\$1,048,894.01</u>	<u>\$18,660.87</u>
4. Less Capacity & Transmission budget for October		(\$1,048,849.00)	(\$18,660.07)
5. Funds available for November		<u>\$45.01</u>	<u>\$0.80</u>
6. Power cost Capacity & Transmission budget for November		\$2,106,742.00	\$37,481.05
7. Adjusted billing for November	(2)	<u>\$2,106,696.99</u>	(2) <u>\$37,480.76</u>
Additional Net (Credits)/Charges, See Monthly Project Bills Credit Summary			<u>(12,771.00)</u>
			<u>\$24,709.76</u>

NOTE: Amounts could be off due to rounding

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

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



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

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

Invoice Number:	60142
Invoice Date:	10/19/2018
Due Date:	11/18/2018
Customer ID:	1150

Project Six

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

Description of Charges	Amount
Nuclear Project Six	24,710.26
Total Due:	\$ 24,710.26

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

Payment Instructions

PLEASE MAKE PAYMENT TO MMWEC VIA:

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

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

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

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



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

Monthly Project Bill Credits and Charges Summary

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

Bills Due: November 2018
 Customer ID: 1150

Type of Credit/Charge	Project Credited/Charged	Amount	Carryover Amount	Notes
FCM	Project 6	\$ 12,771.00	\$ -	Sept Seabrook FCM
Total Credits		\$ 12,771.00	\$ -	

Total Project Bill Credits/ (Charges) this Billing Period: \$ 12,771.00
 Carryover Amount to be Applied to Next Billing Period(s): \$ -



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

Billing Contact: Lorena Lowery
If you have any questions call: 914-287-4256
or 1-800-289-6972, then 718-4256.
lorena.lowery@nypa.gov

Special Notes:

ISO & IOU Charges: September 2018 V1 & January 2018 V3.
EMAIL TO: hround@pud-ri.org

N. Lopez

Invoice Date: November 15, 2018
Billing Period: October 2018

Invoice Number: 6100070861
Contract Account: 200000622
Business Partner: 3820

Account Summary

Previous Balance	\$	8,458.15
Payment Received	\$	8,458.15
Past Due Balance	\$	0.00
Current Charges	\$	8,432.47
Late Charges	\$	0.00
Total Amount Due	\$	8,432.47
Payment Due Date		12/03/2018

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

Wire funds to:

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

Regular Mail:

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

Overnight Mail:

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

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

Payment Summary

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

RHODE ISLAND PUBLIC UTILITIES COMMISSION

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

Invoice Number: 6100070861
Contract Account: 200000622
Business Partner: 3820
Payment Due Date: 12/03/2018
Amount Due: \$ 8,432.47

**NEW YORK POWER AUTHORITY
Billing and Adjustment Statement**

RHODE ISLAND PUBLIC UTILITIES COMMISSION

Contract Account:	200000622	Current Reading Date:	October 31, 2018
Invoice Number:	6100070861	Previous Reading Date:	September 30, 2018
Service Tariff:	NS-1, NS-2, NS-3	Hours in this period:	744
Allocation:	700		

Description	Quantity	Rate		Amount
Demand (KW)				
Firm	600	\$4.07000	\$	2,442.00
Firm Peaking	100	\$4.07000	\$	407.00
Subtotal			\$	2,849.00
Energy (KWH)				
Firm Hydro	290,000	\$0.00492	\$	1,426.80
Firm Peaking	9,000	\$0.00492	\$	44.28
Interruptible	94,000	\$0.00492	\$	462.48
Subtotal			\$	1,933.56
NY Independent System Operator				
Ancillary Service			\$	325.61
TUC Charge			\$	3,249.68
Subtotal			\$	3,575.29
True-up Charges/Credits				
ISO True-up Vers. 2			\$	16.82
Subtotal			\$	16.82
TOTAL CURRENT CHARGES				\$ 8,374.67

393,000

ADJUSTMENT SUMMARY: January 2018

Energy (KWH)				
Firm Hydro				
Previously Billed	- 325,790	\$0.00492	\$	- 1,602.89
Revised	325,760	\$0.00492	\$	1,602.74
Net	- 30		\$	- 0.15
Subtotal			\$	- 0.15

CURTAILMENT (KWH)

Intra-Month Curtailment				
Previously Billed	- 210		\$	- 405.65
Revised	240		\$	463.60
Net	30		\$	57.95

**NEW YORK POWER AUTHORITY
Billing and Adjustment Statement**

RHODE ISLAND PUBLIC UTILITIES COMMISSION

Contract Account:	200000622	Current Reading Date:	October 31, 2018
Invoice Number:	6100070861	Previous Reading Date:	September 30, 2018
Service Tariff:	NS-1, NS-2, NS-3	Hours in this period:	744
Allocation:	700		

Description	Quantity	Rate	Amount
Subtotal			\$ 57.95
Total Adjustment: January 2018			\$ 57.80
TOTAL ADJUSTMENTS		(57.55)	\$ 57.80

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NYPA ISO Billing Statement INVER01

For the Month Beginning September 01, 2018 and Ending September 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 (281.00) MWhr	(\$1,008.70)	\$0.00	(\$1,008.70)	4	
	Forward Loss Charge 0.00	(\$1,245.67)	\$0.00	(\$1,245.67)	5	
	Balancing Congestion Charge 0.00 MWhr	\$0.00	\$0.00	\$0.00	6	
	Balancing Loss Charge 0.00	\$0.00	\$0.00	\$0.00	7	
	Total Transmission Use Settlement	(\$2,254.37)	\$0.00	(\$2,254.37)	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	(\$146.10)	\$5.71	(\$140.39)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$146.10)	\$5.71	(\$140.39)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$83.98)	\$0.00	(\$83.98)	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	(\$113.28)	\$0.00	(\$113.28)	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	.18037 %			27	
	NYISO WIDE Uplift Charges	(\$15.82)	\$23.34	\$7.52	28	
	Residual Adjustments	\$92.38	\$0.00	\$92.38	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$2,521.18)	\$29.04	(\$2,492.13)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$2,521.18)	\$29.04	(\$2,492.13)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$2,521.18)	\$29.04	(\$2,492.13)	35	

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NYPA ISO Billing Statement INVER01

For the Month Beginning September 01, 2018 and Ending September 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	
	Total Energy Settlement	\$0.00	\$0.00	\$0.00	3	
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge (97.00) MWhr	(\$415.36)	\$0.00	(\$415.36)	4	
	Forward Loss Charge 0.00	(\$440.73)	\$0.00	(\$440.73)	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	(\$856.09)	\$0.00	(\$856.09)	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	(\$50.42)	\$1.97	(\$48.45)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$50.42)	\$1.97	(\$48.45)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$28.99)	\$0.00	(\$28.99)	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	(\$38.79)	\$0.00	(\$38.79)	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	.00226 %	"	"	27	
	NYISO WIDE Uplift Charges	(\$5.24)	\$8.06	\$2.81	28	
	Residual Adjustments	\$32.83	\$0.00	\$32.83	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$946.70)	\$10.03	(\$936.68)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$946.70)	\$10.03	(\$936.68)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$946.70)	\$10.03	(\$936.68)	35	

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NYPA ISO Billing Statement INVER01

For the Month Beginning September 01, 2018 and Ending September 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	
	Total Energy Settlement	\$0.00	\$0.00	\$0.00	3	
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge (9.00) MWhr	(\$78.91)	\$0.00	(\$78.91)	4	
	Forward Loss Charge 0.00	(\$60.31)	\$0.00	(\$60.31)	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	(\$139.22)	\$0.00	(\$139.22)	8	
Transmission Service Charge (TSC) Customers External to NYCA	Total Transmission Service Charge Settlement	\$0.00	\$0.00	\$0.00	9	
NYPA Transmission Access Charge (NTAC)		\$0.00	\$0.00	\$0.00	10	
Ancillary Service	Scheduling, System Control Dispatch Service	(\$4.62)	\$0.18	(\$4.44)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$4.62)	\$0.18	(\$4.44)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$2.68)	\$0.00	(\$2.68)	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	(\$3.50)	\$0.00	(\$3.50)	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 60 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	.00578 %	"	"	27	
	NYISO WIDE Uplift Charges	(\$0.37)	\$0.75	\$0.38	28	
	Residual Adjustments	\$2.97	\$0.00	\$2.97	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$147.43)	\$0.93	(\$146.50)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$147.43)	\$0.93	(\$146.50)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$147.43)	\$0.93	(\$146.50)	35	

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NYPA ISO Billing Statement INVER03

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

User Reference	(NIA TO RI FIRM)	ISO	Adjustment	Adjusted Value	Line Item	
Energy Settlement	Forward Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	1	
	Balancing Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	2	
	Total Energy Settlement	\$0.00	\$0.00	\$0.00	3	
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge (326.00) MWhr	(\$11,442.78)	\$0.00	(\$11,442.78)	4	
	Forward Loss Charge 0.00	(\$3,853.58)	\$0.00	(\$3,853.58)	5	
	Balancing Congestion Charge 0.00 MWhr	\$0.00	\$0.00	\$0.00	6	
	Balancing Loss Charge 0.00	\$0.00	\$0.00	\$0.00	7	
	Total Transmission Use Settlement	(\$15,296.36)	\$0.00	(\$15,296.36)	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	(\$170.15)	(\$1.91)	(\$172.06)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$170.15)	(\$1.91)	(\$172.06)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$96.62)	\$0.00	(\$96.62)	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	(\$216.68)	\$0.00	(\$216.68)	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	.18652 %			27	
	NYISO WIDE Uplift Charges	(\$31.58)	(\$5.39)	(\$36.97)	28	
	Residual Adjustments	\$386.24	\$0.00	\$386.24	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$15,425.16)	(\$7.30)	(\$15,432.46)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$15,425.16)	(\$7.30)	(\$15,432.46)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$15,425.16)	(\$7.30)	(\$15,432.46)	35	

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NYPA ISO Billing Statement INVER03

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

User Reference		(NIA TO RI INTER)	ISO	Adjustment	Adjusted Value	Line Item	
Energy Settlement	Forward Energy	0.00 MWhr	\$0.00	\$0.00	\$0.00	1	
	Balancing Energy	0.00 MWhr	\$0.00	\$0.00	\$0.00	2	
	Total Energy Settlement			\$0.00	\$0.00	\$0.00	3
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge	(132.00) MWhr	(\$4,401.39)	\$0.00	(\$4,401.39)	4	
	Forward Loss Charge	0.00	(\$1,787.48)	\$0.00	(\$1,787.48)	5	
	Balancing Congestion Charge	0.00 MWhr	\$0.00	\$0.00	\$0.00	6	
	Balancing Loss Charge	0.00	\$0.00	\$0.00	\$0.00	7	
	Total Transmission Use Settlement			(\$6,188.87)	\$0.00	(\$6,188.87)	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		(\$68.62)	(\$0.77)	(\$69.40)	11	
	Local Reliability Rule S, SC and D Charge		\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge		(\$68.62)	(\$0.77)	(\$69.40)	13	
	Market Administration and Control Area Service Charge		\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service		(\$38.98)	\$0.00	(\$38.98)	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		(\$86.91)	\$0.00	(\$86.91)	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		.07552 %			27	
	NYISO WIDE Uplift Charges		(\$14.01)	(\$2.18)	(\$16.19)	28	
	Residual Adjustments		\$159.60	\$0.00	\$159.60	29	
	Demand Response Uplift		\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)			(\$6,237.79)	(\$2.96)	(\$6,240.74)	31	
Adjustments			0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)			(\$6,237.79)	(\$2.96)	(\$6,240.74)	33	
TCC Credit			\$0.00	\$0.00	\$0.00	34	
Total			(\$6,237.79)	(\$2.96)	(\$6,240.74)	35	

V

NYPA ISO Billing Statement INVER03

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

User Reference	(NIA TO RI PEAK)	ISO	Adjustment	Adjusted Value	Line Item	
Energy Settlement	Forward Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	1	
	Balancing Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	2	
	Total Energy Settlement	\$0.00	\$0.00	\$0.00	3	
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge (9.00) MWhr	(\$278.18)	\$0.00	(\$278.18)	4	
	Forward Loss Charge 0.00	(\$181.84)	\$0.00	(\$181.84)	5	
	Balancing Congestion Charge 0.00 MWhr	\$0.00	\$0.00	\$0.00	6	
	Balancing Loss Charge 0.00	\$0.00	\$0.00	\$0.00	7	
	Total Transmission Use Settlement	(\$460.02)	\$0.00	(\$460.02)	8	
Transmission Service Charge (TSC) Customers External to NYCA	Total Transmission Service Charge Settlement	\$0.00	\$0.00	\$0.00	9	
NYPA Transmission Access Charge (NTAC)		\$0.00	\$0.00	\$0.00	10	
Ancillary Service	Scheduling, System Control Dispatch Service	(\$4.67)	(\$0.05)	(\$4.72)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$4.67)	(\$0.05)	(\$4.72)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$2.66)	\$0.00	(\$2.66)	15	
	Regulation and Frequency Response Service	\$0.00	\$0.00	\$0.00	16	
	Energy Imbalance Service Charge	\$0.00	\$0.00	\$0.00	17	
	Operating Reserve Service Charge	(\$7.30)	\$0.00	(\$7.30)	18	
	Black Start Service@ SSS/Billing Unit B	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
		Local Reliability Rule Black Start Service Charge	\$0.00	\$0.00	\$0.00	20
Total Black Start Service Charge		\$0.00	\$0.00	\$0.00	21	
Installed Capacity Deficiency Charge		\$0.00	\$0.00	\$0.00	22	
Miscellaneous Charges	Rochester Station 80 Capacitor Banks	These are based on existing agreements between the NY Control Area and other control areas	\$0.00	\$0.00	\$0.00	23
	Ramapo Phase Angle Regulator		\$0.00	\$0.00	\$0.00	24
	PJM Transmission Overuse		\$0.00	\$0.00	\$0.00	25
	Total Miscellaneous Charges		\$0.00	\$0.00	\$0.00	26
	NIA TO RI PEAK Portion	00516 %			27	
	NYISO WIDE Uplift Charges	(\$1.68)	(\$0.15)	(\$1.83)	28	
	Residual Adjustments	\$13.29	\$0.00	\$13.29	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$463.04)	(\$0.20)	(\$463.24)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$463.04)	(\$0.20)	(\$463.24)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$463.04)	(\$0.20)	(\$463.24)	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

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

Special Notes:

ISO & IOU Charges: September 2018 V1 & January 2018 V3.

EMAIL TO: hround@pud-ri.org

Invoice Date: November 15, 2018
Billing Period: October 2018

Invoice Number: 6100070862
Contract Account: 200000623
Business Partner: 3820

Account Summary

Previous Balance	\$	15,743.69
Payment Received	\$	15,743.69
Past Due Balance	\$	0.00
Current Charges	\$	22,082.06
Late Charges	\$	0.00
Total Amount Due	\$	22,082.06
Payment Due Date		12/03/2018

ST Lawrence

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

Wire funds to:

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

Regular Mail:

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

Overnight Mail:

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

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

Payment Summary

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

RHODE ISLAND PUBLIC UTILITIES COMMISSION

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

Invoice Number: 6100070862
Contract Account: 200000623
Business Partner: 3820
Payment Due Date: 12/03/2018
Amount Due: \$ 22,082.06

**NEW YORK POWER AUTHORITY
Billing and Adjustment Statement**

RHODE ISLAND PUBLIC UTILITIES COMMISSION

Contract Account:	200000623	Current Reading Date:	October 31, 2018
Invoice Number:	6100070862	Previous Reading Date:	September 30, 2018
Service Tariff:	SL-1, SL-2	Hours in this period:	744
Allocation:	1,000		

Description	Quantity	Rate	Amount
Demand (KW)			
Firm	1,000	\$4.07000	\$ 4,070.00
Subtotal			\$ 4,070.00
 Energy (KWH)			
Firm Hydro	545,000	\$0.00492	\$ 2,681.40
Interruptible	348,000	\$0.00492	\$ 1,712.16
Subtotal			\$ 4,393.56
	<i>\$ 9,300.00</i>		
NY Independent System Operator			
Ancillary Service			\$ 669.95
TUC Charge			\$ 12,930.31
Subtotal			\$ 13,600.26
 True-up Charges/Credits			
ISO True-up Vers. 2			\$ 18.24
Subtotal			\$ 18.24
 TOTAL CURRENT CHARGES			\$ 22,082.06

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NYPA ISO Billing Statement INVER01

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

User Reference	(STL TO RI FIRM)	ISO	Adjustment	Adjusted Value	Line Item	
Energy Settlement	Forward Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	1	
	Balancing Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	2	
	Total Energy Settlement	\$0.00	\$0.00	\$0.00	3	
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge (447.00) MWhr	(\$5,082.35)	\$0.00	(\$5,082.35)	4	
	Forward Loss Charge 0.00	(\$1,976.29)	\$0.00	(\$1,976.29)	5	
	Balancing Congestion Charge 0.00 MWhr	\$0.00	\$0.00	\$0.00	6	
	Balancing Loss Charge 0.00	\$0.00	\$0.00	\$0.00	7	
	Total Transmission Use Settlement	(\$7,058.64)	\$0.00	(\$7,058.64)	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	(\$232.42)	\$9.08	(\$223.34)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$232.42)	\$9.08	(\$223.34)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$133.60)	\$0.00	(\$133.60)	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	(\$179.01)	\$0.00	(\$179.01)	18	
	Black Start Service@ SSS/Billing Unit B	Black StartService Charge	\$0.00	\$0.00	\$0.00	19
	Local Reliability Rule Black StartService Charge	\$0.00	\$0.00	\$0.00	20	
Total Black Start Service Charge	\$0.00	\$0.00	\$0.00	21		
Installed Capacity Deficiency Charge		\$0.00	\$0.00	\$0.00	22	
Miscellaneous Charges	Rochester Station 80 Capacitor Banks	These are based on existing agreements between the NY Control Area and other control areas	\$0.00	\$0.00	\$0.00	23
	Ramapo Phase Angle Regulator		\$0.00	\$0.00	\$0.00	24
	PJM Transmission Overuse		\$0.00	\$0.00	\$0.00	25
	Total Miscellaneous Charges		\$0.00	\$0.00	\$0.00	26
	STL TO RI FIRM Portion	.28692 %			27	
	NYISO WIDE Uplift Charges	(\$24.67)	\$37.12	\$12.46	28	
	Residual Adjustments	\$147.05	\$0.00	\$147.05	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$7,481.28)	\$46.20	(\$7,435.07)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$7,481.28)	\$46.20	(\$7,435.07)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$7,481.28)	\$46.20	(\$7,435.07)	35	

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NYPA ISO Billing Statement INVER01

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

User Reference	(STL TO RI INTER)	ISO	Adjustment	Adjusted Value	Line Item	
Energy Settlement	Forward Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	1	
	Balancing Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	2	
	Total Energy Settlement	\$0.00	\$0.00	\$0.00	3	
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge (348.00) MWhr	(\$4,257.03)	\$0.00	(\$4,257.03)	4	
	Forward Loss Charge 0.00	(\$1,614.64)	\$0.00	(\$1,614.64)	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	(\$5,871.67)	\$0.00	(\$5,871.67)	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	(\$181.01)	\$7.07	(\$173.95)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$181.01)	\$7.07	(\$173.95)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$104.02)	\$0.00	(\$104.02)	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	(\$139.84)	\$0.00	(\$139.84)	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	
	STL TO RI INTER Portion	.22337 %			27	
	NYISO WIDE Uplift Charges	(\$19.35)	\$28.90	\$9.56	28	
	Residual Adjustments	\$114.74	\$0.00	\$114.74	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$6,201.15)	\$35.97	(\$6,165.19)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$6,201.15)	\$35.97	(\$6,165.19)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$6,201.15)	\$35.97	(\$6,165.19)	35	

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NYPA ISO Billing Statement INVER03

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

User Reference	(STL TO RI FIRM)	ISO	Adjustment	Adjusted Value	Line Item	
Energy Settlement	Forward Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	1	
	Balancing Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	2	
	Total Energy Settlement	\$0.00	\$0.00	\$0.00	3	
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge (478.00) MWhr	(\$19,339.43)	\$0.00	(\$19,339.43)	4	
	Forward Loss Charge 0.00	(\$3,881.36)	\$0.00	(\$3,881.36)	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	(\$23,220.79)	\$0.00	(\$23,220.79)	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	(\$250.46)	(\$2.80)	(\$253.26)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$250.46)	(\$2.80)	(\$253.26)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$142.26)	\$0.00	(\$142.26)	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	(\$319.53)	\$0.00	(\$319.53)	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	
	STL TO RI FIRM Portion	.27349 %			27	
	NYISO WIDE Uplift Charges	(\$41.27)	(\$7.90)	(\$49.18)	28	
	Residual Adjustments	\$553.26	\$0.00	\$553.26	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$23,421.06)	(\$10.71)	(\$23,431.76)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$23,421.06)	(\$10.71)	(\$23,431.76)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$23,421.06)	(\$10.71)	(\$23,431.76)	35	

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NYPA ISO Billing Statement INVER03

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

User Reference	(STL TO RI INTER)	ISO	Adjustment	Adjusted Value	Line Item	
Energy Settlement	Forward Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	1	
	Balancing Energy 0.00 MWhr	\$0.00	\$0.00	\$0.00	2	
	Total Energy Settlement	\$0.00	\$0.00	\$0.00	3	
Transmission Use Charge Settlement (TUC)	Forward Congestion Charge (87.00) MWhr	(\$3,233.97)	\$0.00	(\$3,233.97)	4	
	Forward Loss Charge 0.00	(\$948.75)	\$0.00	(\$948.75)	5	
	Balancing Congestion Charge 0.00 MWhr	\$0.00	\$0.00	\$0.00	6	
	Balancing Loss Charge 0.00	\$0.00	\$0.00	\$0.00	7	
	Total Transmission Use Settlement	(\$4,182.72)	\$0.00	(\$4,182.72)	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	(\$45.39)	(\$0.51)	(\$45.90)	11	
	Local Reliability Rule S, SC and D Charge	\$0.00	\$0.00	\$0.00	12	
	Total S, SC and D Charge	(\$45.39)	(\$0.51)	(\$45.90)	13	
	Market Administration and Control Area Service Charge	\$0.00	\$0.00	\$0.00	14	
	Voltage Support Service	(\$25.79)	\$0.00	(\$25.79)	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	(\$59.63)	\$0.00	(\$59.63)	18	
	Black Start Service@ SSS/Billing Unit B	Black Start Service Charge	\$0.00	\$0.00	\$0.00	19
		Local Reliability Rule Black Start Service Charge	\$0.00	\$0.00	\$0.00	20
		Total Black Start Service Charge	\$0.00	\$0.00	\$0.00	21
Installed Capacity Deficiency Charge		\$0.00	\$0.00	\$0.00	22	
Miscellaneous Charges Rochester Station 80 Capacitor Banks Ramapo Phase Angle Regulator PJM Transmission Overuse	These are based on existing agreements between the NY Control Area and other control areas	\$0.00	\$0.00	\$0.00	23	
		\$0.00	\$0.00	\$0.00	24	
		\$0.00	\$0.00	\$0.00	25	
	Total Miscellaneous Charges	\$0.00	\$0.00	\$0.00	26	
	STL TO RI INTER Portion	.04978 %			27	
	NYISO WIDE Uplift Charges	(\$9.01)	(\$1.44)	(\$10.45)	28	
	Residual Adjustments	\$105.31	\$0.00	\$105.31	29	
	Demand Response Uplift	\$0.00	\$0.00	\$0.00	30	
Monthly Transmission Customer Payment/(Charge)		(\$4,217.23)	(\$1.95)	(\$4,219.17)	31	
Adjustments		0	\$0.00	\$0.00	32	
Net Transmission Customer Payment/(Charge)		(\$4,217.23)	(\$1.95)	(\$4,219.17)	33	
TCC Credit		\$0.00	\$0.00	\$0.00	34	
Total		(\$4,217.23)	(\$1.95)	(\$4,219.17)	35	

**MASSACHUSETTS MUNICIPAL
WHOLESALE ELECTRIC CO.**

Vendor Number	Vendor Name	Check No.	Check Date
1150	Pascoag Utility District	152678	11/8/2018

Reference	Invoice Date	Invoice Number	Invoice Amount	Discount	Net Check Amount
Invoice Summary	10/2/2018	10022018-1	17,299.17		17,299.17
			17,299.17		17,299.17

Recon. with In acct

Journal: 2018008957 Date: Nov 15, 2018
Set: 0 Time: 6:59:20

MMWEC FCM Aug RIMB
Miscellaneous Activity 17299.17

FCM Settlement for NYPA

Total To-Be-Paid: 17299.17
152678 Check: 17299.17

Change Due: 0.00

2 162 pscgsh2 1 1

Bank of America
52-153-112

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

Check No.	Check Date	Vendor No.
152678	11/8/2018	1150

Check Amount
\$****17,299.17

Pay SEVENTEEN THOUSAND TWO HUNDRED NINETY NINE AND 17/100*****

Not Valid After 365 Days

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



Two signatures required over \$25,000.00

⑈00152678⑈ ⑆011201539⑆ 000080242607⑈

Date: October 2, 2018

Amount (\$): \$ 17,299.17

To: Pascoag Utility District

Street: 253 Main Street; Box 107

City, State : Pascoag, RI Zip Code: 01749

Forward Capacity Market Settlement for NYPA - Aug-18 \$ 18,505.48

* Forward Capacity Market Stlmnt NYPA-Pscog Adj 100 KW \$ (930.57)

PSCOG Share of ISO/NYPA Charges - August 2018 \$ (275.74)

\$ 17,299.17

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: 800286039
 Invoice Date: 11/01/2018
 Customer Number: 200000175
 Payment Terms: Net 30
 Due Date: 12/01/2018
 Sales Order #: 5410 / 640011766
 Reference #: 00010-009696

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

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

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

60	DAF Direct Assignment Facility Charges	1.000 EA	5,991.00	\$5,991.00
----	--	----------	----------	------------

Sub Total :

Total Taxes :

TOTAL AMOUNT DUE:

Received: _____	NOV 06 2018
Approved: _____	<i>[Signature]</i>
GL Account: _____	565.0
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: 800286039
 Invoice Date: 11/01/2018
 Customer Number: 200000175
 Due Date: 12/01/2018

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

AMOUNT DUE: \$5,991.00

Enclosed: _____



Invoice

Date	Invoice #
10/31/2018	18680

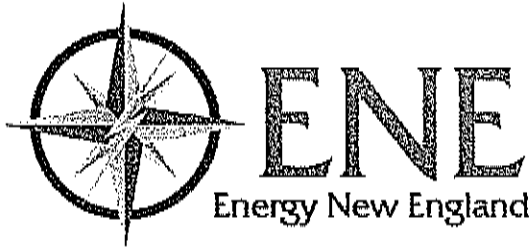
Bill To
Pascoag Utility District Attn: Michael Kirkwood P.O. Box 107 253 Main Street Pascoag, RI 02859

Terms	Due Date
Net 15	11/15/2018

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

100 Foxborough Boulevard, Suite 110
 Foxborough, MA 02035-2878
 508-698-1200
 accounting@ene.org
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IF PAYING BY WIRE TRANSFER, PLEASE REMIT TO:
 Santander Bank
 ABA #: 011075150
 ACCT #: 75860032236



Invoice

Date	Invoice #
11/14/2018	18633

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

Terms	Due Date
	11/19/2018

Qty in MWH	Description	Amount
October 2018		
	- Energy Transactions -	
87.460	Brown Bear II Hydro Purchase	4,367.76
113.371	Canton Mountain Wind Purchase	11,289.03
372.000	NextEra Energy Mktg Purchase	14,508.00
2,574.894	PSEG Energy Resources Purchase	117,801.40
	PSEG Energy Resources Purchase - Financial Settlement	-3,431.08
148.170	Spruce Mountain Wind Purchase	14,705.92
496.000	NextEra Energy Mktg Option Purchase	18,989.76
	NextEra Energy Mktg Option Monthly Fixed Costs	6,960.00
	- Capacity Transactions -	
	NextEra Energy Mktg UCAP Purchase	2,510.00
	NextEra Energy Mktg UCAP Sale	-9,315.00
	Sep 18 Hydro Quebec HQICC Payment	-2,215.30
	Sep 18 Canton Mountain Wind FCM Credit	-569.04
	Sep 18 Spruce Mountain Wind FCM Credit	-1,102.46
	- Transmission Transactions -	
	Sep 18 Hydro Quebec Use Right Payment	-731.96
Total		\$173,767.03

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 ACCT #: 75860032236

Sep-18

HQICC Payment

	MW	26.2097508
	NRCP \$	9.3026613
	Total GMP Revenue \$\$ \$	243,820.43
100%	Total Rev \$\$ \$	243,820.43
	GMP Payment Date	<u>10/31/2018</u>
	GMP Payment \$\$ \$	<u>243,820.43</u>

Participant	MW	Revenue
Pascoag Fire District - Electric Dept.	0.23813600	\$ 2,215.30

Phase I			
Total MW		Participant %	Participant MW
412.00		0.02285%	0.09414200

Phase II			
Total MW		Participant %	Participant MW
618.00		0.02330%	0.14399400

Totals HQICC MW	
1,030.00	0.23813600

Sep-18

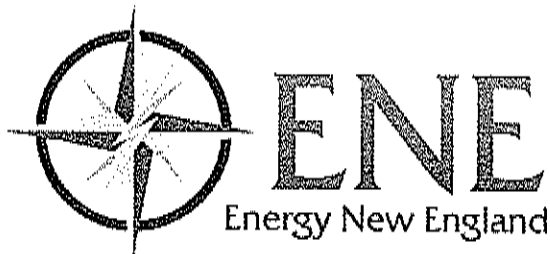
Use Right Payment

	# of Hours	720
	MW	30
	MWH	21713
	Calendar Price	4.948932667
	Total GMP Revenue \$\$	107456.18
80%	Total Rev \$\$ \$	85,964.94
	GMP Payment Date	10/18/2018
	GMP Payment \$\$ \$	<u>85,964.94</u>

75%	Total Participant Rev \$\$ \$	80,592.16
5%	Net ENE Fee \$	5,372.78

Participant	Pro - Rated Firm MW	Revenue
Pascoag Fire District - Electric Dept.	0.272468169 \$	731.96

Total \$ **731.96**



Invoice

Date	Invoice #
11/13/2018	18594

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

Weekly Energy - 18,028.92
 Monthly Energy 213,807.30
 Transmission \$112,605.38

Terms	Due Date
Net 1	11/14/2018

Qty in MWH	Description	Amount
October 2018		
-85.228	ISO Invoice # 301591 Activity 10/10 - 10/14 (Apply Credit Memo # 18595)	-2,806.51
-48.220	ISO Invoice # 301869 Activity 10/15 - 10/17 (Apply Credit Memo # 18595)	-1,664.94
-83.987	ISO Invoice # 302124 Activity 10/18 - 10/21 (Apply Credit Memo # 18648)	-2,873.79
-48.027	ISO Invoice # 302388 Activity 10/22 - 10/24 (Apply Credit Memo # 18648)	-2,330.56
-76.221	ISO Invoice # 302654 Activity 10/25 - 10/28 (Apply Credit Memo # 18695)	-2,670.97
-104.162	ISO Invoice # 302927 Activity 10/29 - 10/31 (Apply Credit Memo # 18695)	-2,874.08
	ISO Invoice # 303182 Activity 10/30 - 10/31 NCPC, Regulation & Reserve Market	274.90
	ISO Invoice # 303488 October Monthly Charges	326,412.68
-73.290	ISO Invoice # 303182 Activity 11/01 - 11/04	-2,432.66
-29.567	ISO Invoice # 303488 Activity 11/05 - 11/06	-650.31
-548,702		
Total		\$308,383.76

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

BL_INVOICE

Invoice / Remittance Advice

Pascoag

Customer ID	116
Invoice Number	303488
Document Date	11/13/18
Due Date	11/15/18
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	-\$325,762.37

Energy Activity Start Date: 11/5/18
 Energy Activity End Date: 11/6/18

Customer Id 116

Net Amount Row Labels	Column Labels		
	43434	43404	43373
DA / RT Energy	1208.89		168.32
Day-Ahead Energy	\$673.54		\$0.00
Real-Time Energy	\$535.35		\$159.23
June 2 DRR Settlement			\$9.24
June 3 DRR Settlement			(\$0.15)
Ancillary Charges	-558.58	34.52	2.99
Day-Ahead NCPC	(\$57.48)		\$0.46
Real-Time NCPC	(\$78.06)		(\$0.25)
Regulation	(\$190.30)		\$0.54
Reserve Market	(\$232.74)		\$2.23
ERC Order		\$34.52	
Transitional Demand Response			\$0.01
Winter DR Energy Chrg			\$0.00
Winter DR Monthly Chrg			\$0.00
Winter Gen Unused Inv Chrg			\$0.00
IRR Revenues		675.84	-1.29
IRR Long Term Off-Peak Alloc		\$115.82	(\$0.16)
IRR Long Term On-Peak Alloc		\$153.11	(\$0.23)
IRR Monthly Off-Peak Alloc		\$150.29	(\$0.43)
IRR Monthly On-Peak Alloc		\$256.62	(\$0.47)
CM		-199091.33	-6736.81
Forfeited Financial Assurance		\$0.12	\$0.00
Forward Capacity Market Charge		(\$199,091.45)	(\$6,736.81)
ATT Charges			-112605.38
SO Schedule 1 RNS			(\$2,093.38)
SO Schedule 1 TOUT			\$27.94
ATT Schedule 1 RNS			(\$1,548.79)
ATT Schedule 9 RNS			(\$107,704.53)
ATT-Schedule 16 Blackstart			(\$541.10)
ATT-Schedule 2 VAR			(\$745.52)
Schedule Charges		-1172.96	-7686.58
SO Schedule 2			(\$4,929.35)
SO Schedule 3 Peak			(\$2,681.39)
SO Schedule 5 NESCOE			(\$75.84)
Participant Expenses		(\$1,172.96)	
Grand Total	650.31	-199553.93	-126858.75

IW (29.567)

(\$326,412.68)

BL INVOICE

Invoice / Remittance Advice

Pascoag

Customer ID	116
Invoice Number	303182
Document Date	11/7/18
Due Date	11/14/18
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	\$2,157.76

Energy Activity Start Date: 11/1/18
 Energy Activity End Date: 11/4/18

Customer Id 116

Net Amount	Column Labels	
Row Labels	43434	43404
DA / RT Energy	2432.66	
Day-Ahead Energy	\$798.83	
Real-Time Energy	\$1,633.83	
Ancillary Charges		-274.9
Day-Ahead NCPC		(\$131.49)
Real-Time NCPC		(\$9.19)
Regulation		(\$48.80)
Reserve Market		(\$85.42)
Grand Total	2432.66	-274.9
MW	(73.290)	



Credit Memo

Date	Credit No.
10/22/2018	18595

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

P.O. No.	Project

Quantity in MWH	Description	Amount
	October 2018	
-85.228	ISO Invoice # 301591 Activity 10/10 - 10/14	-2,806.51
-48.220	ISO Invoice # 301869 Activity 10/15 - 10/17	-1,664.94

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Total	\$-4,471.45
Invoices	\$0.00
Balance Credit	\$-4,471.45

Harle Round

From: Accounting <accounting@ene.org>
Sent: Monday, October 22, 2018 1:54 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice (Credit)
Attachments: PUD ISO Invoice 10-17-18.xlsx; PUD ISO Invoice 10-22-18.xlsx; PUD 18595 CM ISO 10-22-18.pdf

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
10/17/18	301591	(\$2,806.51)	10/23/18	10/10 - 10/14	(85.228)

Total Invoice: (\$2,806.51)

10/22/18	301869	(\$1,664.94)	10/24/18	10/15 - 10/17	(48.220)

Total Invoice: (\$1,664.94)

Attached is the ENE credit memo for these ISO invoices:

Credit Memo #	18595	(\$4,471.45)
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Please let me know if you have any questions.

Thank you,

Sally LeBlanc
Senior Accountant



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

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

BL INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	301591
Document Date	10/17/2018
Due Date	10/23/2018
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	\$2,806.51

Energy Activity Start Date: 10/10/2018
Energy Activity End Date: 10/14/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	10/31/2018
DA / RT Energy	\$3,172.83
Day-Ahead Energy	\$1,152.56
Real-Time Energy	\$2,020.27
Ancillary Charges	(\$366.32)
Day-Ahead NCPC	(\$177.60)
Real-Time NCPC	(\$47.52)
Regulation	(\$54.87)
Reserve Market	(\$86.33)
Grand Total	\$2,806.51

MW (85.228)

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	301869
Document Date	10/22/2018
Due Date	10/26/2018
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	\$1,664.94

Energy Activity Start Date: 10/15/2018
Energy Activity End Date: 10/17/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	10/31/2018
DA / RT Energy	\$2,604.04
Day-Ahead Energy	\$462.79
Real-Time Energy	\$2,141.25
Ancillary Charges	(\$939.10)
Day-Ahead NCPC	(\$323.85)
Real-Time NCPC	(\$106.37)
Regulation	(\$190.48)
Reserve Market	(\$318.40)
Grand Total	\$1,664.94

MW (48.220)



Credit Memo

Date	Credit No.
10/29/2018	18648

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

P.O. No.	Project

Quantity in MWH	Description	Amount
	October 2018	
-83.987	ISO Invoice # 302124 Activity 10/18 - 10/21	-2,873.79
-48.027	ISO Invoice # 302388 Activity 10/22 - 10/24	-2,330.56

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 508-698-1200
 accounting@ene.org
 www.ene.org

Total	\$-5,204.35
Invoices	\$0.00
Balance Credit	\$-5,204.35

Harle Round

From: Accounting <accounting@ene.org>
Sent: Monday, October 29, 2018 12:08 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice
Attachments: PUD ISO Invoice 10-24-18.xlsx; PUD ISO Invoice 10-29-18.xlsx; PUD 18648 CM ISO 10-29-18.pdf

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
10/24/18	302124	(\$2,873.79)	10/30/18	10/18 - 10/21	(83.987)

Total Invoice: (\$2,873.79)

10/29/18	302388	(\$2,330.56)	11/02/18	10/22 - 10/24	(48.027)

Total Invoice: (\$2,330.56)

Attached is the ENE credit memo for these ISO invoices:

Credit Memo #	18648	(\$5,204.35)
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Please let me know if you have any questions.

Thank you,

Sally LeBlanc

Senior Accountant



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

BL INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	302124
Document Date	10/24/2018
Due Date	10/30/2018
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	\$2,873.79

Energy Activity Start Date: 10/18/2018
Energy Activity End Date: 10/21/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	10/31/2018
DA / RT Energy	\$3,067.77
Day-Ahead Energy	\$791.00
Real-Time Energy	\$2,276.77
Ancillary Charges	(\$193.98)
Day-Ahead NCPC	(\$8.91)
Real-Time NCPC	(\$21.43)
Regulation	(\$57.30)
Reserve Market	(\$106.34)
Grand Total	\$2,873.79

MW (83.987)

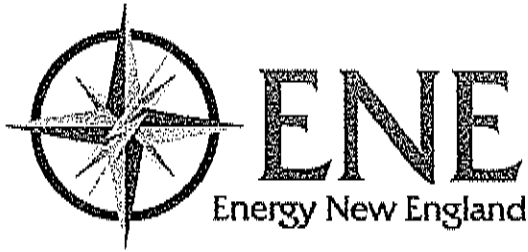
BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	302388
Document Date	10/29/2018
Due Date	11/2/2018
Payer	ISO New England
Payer Billing	TD BANK N.A.-021302567-*****9787
Payee	PASCOAG UTILITY DISTRICT
Payee Bank	Sovereign Bank-011075150-*****2236
Total Net Amount	\$2,330.56

Energy Activity Start Date: 10/22/2018
Energy Activity End Date: 10/24/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	10/31/2018
DA / RT Energy	\$3,096.14
Day-Ahead Energy	\$290.29
Real-Time Energy	\$2,805.85
Ancillary Charges	(\$765.58)
Day-Ahead NCPC	(\$50.04)
Real-Time NCPC	(\$69.18)
Regulation	(\$192.02)
Reserve Market	(\$454.34)
Grand Total	\$2,330.56

MW (48.027)



Credit Memo

Date	Credit No.
11/5/2018	18695

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

P.O. No.	Project

Quantity in MWH	Description	Amount
	October 2018	
-76.221	ISO Invoice # 302654 Activity 10/25 - 10/28	-2,670.97
-104.162	ISO Invoice # 302927 Activity 10/29 - 10/31	-2,874.08

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 508-698-1200
 accounting@ene.org
 www.ene.org

Tota'

Harle Round

From: Accounting <accounting@ene.org>
Sent: Monday, November 5, 2018 2:15 PM
To: Cathleen L. Gilmour; Harle Round; Michael Kirkwood
Subject: PUD Weekly ISO Invoice (Credit)
Attachments: PUD ISO Invoice 10-31-18.xlsx; PUD ISO Invoice 11-5-18.xlsx; PUD 18695 CM ISO 11-5-18.pdf

Hello Mike and Harle,

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWH
10/31/18	302654	(\$2,670.97)	11/06/18	10/25 -10/28	(76.221)

Total Invoice: (\$2,670.97)

11/05/18	302927	(\$2,874.08)	11/09/18	10/29 - 10/31	(104.162)

Total Invoice: (\$2,874.08)

Attached is the ENE credit memo for these ISO invoices:

Credit Memo #	18695	(\$5,545.05)
----------------------	-------	---------------------

Please let me know if you have any questions.

Thank you,

Sally LeBlanc

Senior Accountant



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Foxborough, MA 02035-2878

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

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	302654
Document Date	10/31/2018
Due Date	11/6/2018
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	\$2,670.97

Energy Activity Start Date: 10/25/2018
Energy Activity End Date: 10/28/2018

Customer Id: 116

Net Amount	Column Labels
Row Labels	10/31/2018
DA / RT Energy	\$3,025.00
Day-Ahead Energy	\$1,203.13
Real-Time Energy	\$1,821.87
Ancillary Charges	(\$354.03)
Day-Ahead NCPC	(\$15.42)
Real-Time NCPC	(\$89.42)
Regulation	(\$90.79)
Reserve Market	(\$158.40)
Grand Total	\$2,670.97

MW (76.221)

BL_INVOICE	
Invoice / Remittance Advice	
Pascoag	
Customer ID	116
Invoice Number	302927
Document Date	11/5/2018
Due Date	11/9/2018
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	\$2,874.08

Energy Activity Start Date: 10/29/2018
Energy Activity End Date: 10/31/2018

Customer Id 116

Net Amount	Column Labels
Row Labels	10/31/2018
DA / RT Energy	\$3,617.40
Day-Ahead Energy	\$2,294.62
Real-Time Energy	\$1,322.78
Ancillary Charges	(\$743.32)
Day-Ahead NCPC	(\$150.98)
Real-Time NCPC	(\$77.43)
Regulation	(\$171.83)
Reserve Market	(\$343.08)
Grand Total	\$2,874.08

MW (104.162)

Harle Round

From: Harle Round
Sent: Wednesday, November 14, 2018 9:56 AM
To: Accounting
Cc: Cathleen L. Gilmour; Michael Kirkwood
Subject: Re: PUD MONTHLY ISO Invoice

Hi Sally,
The wire was scheduled today, so you will receive the funds tomorrow.
Harle

Sent from my iPhone

On Nov 13, 2018, at 7:03 PM, Accounting <accounting@ene.org> wrote:

Hi Mike and Harle,

I was training a new employee today and was unable to get the ISO invoices out in the afternoon. Here is the monthly ISO invoice for Pascoag. Since your customer deposit account doesn't have enough funds to cover the amount, I'll need this money wired/ACH'd so that ENE receives it by noon on Thursday.

Again, apologies for not getting this over earlier today. - Sally

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

Issue Date	Invoice #	\$ Amount	Due Date	Activity Period	MWt
11/07/18	303182	\$274.90	11/09/18	10/30 - 10/31 NCPC, Regulation & Reserve Market	
11/07/18	303182	(\$2,432.66)	11/09/18	11/01 - 11/04	(73.29)

Total Invoice: (\$2,157.76)

11/13/18	303488	\$326,412.68	11/15/18	Monthly Charges - October	
11/13/18	303488	(\$650.31)	11/15/18	11/05 - 11/06	(29.56)

Total Invoice: \$325,762.37

Attached is the ENE invoice for last month:

11/13/18	18594	\$308,383.76	11/14/18
----------	-------	--------------	----------

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

Please let me know if you have any questions.

Thank you,

Sally LeBlanc

Senior Accountant

<image001.jpg>

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Foxborough, MA 02035-2878

Phone: (508) 698-1209

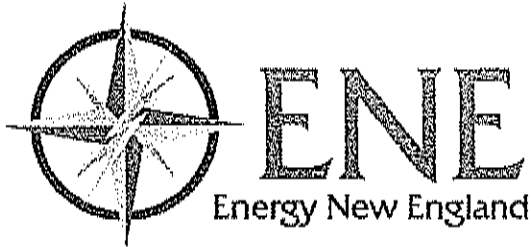
Fax: (508) 698-0028

Email: accounting@ene.org

<PUD ISO Invoice 11-7-18.xlsx>

<PUD ISO Invoice 11-13-18.xlsx>

<PUD 18594 ISO 11-13-18.pdf>



Invoice

Date	Invoice #
11/29/2018	18826

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

Terms	Due Date
Net 15	12/14/2018

Description	Amount
Reimbursement for Constant Energy Capital Inv# PASC-12: Transmission 09/2018	8,955.71
Reimbursement for Constant Energy Capital Inv# PASC-12: Energy 10/2018	1,252.15
16126.8 kWh	
Total	\$10,207.86

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508-698-1200
accounting@ene.org
www.ene.org

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



CONSTANT ENERGY CAPITAL

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

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

Date: 20-Nov-18
 Invoice #: PASC-12
 Payment Terms: Net 30 Days

Pascoag Powerhouse LLC - Invoice Detail

Transmission Charge Savings Service Fee							Transmission
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)	
9/6/2018 HE 16	September 2018	9.33470	1066.00	\$ 9,950.79	90%	\$ 8,955.71	565
Capacity Charge Savings Service Fee							
ISO NE ICAP Peak Day and Hour	Period Billed	Capacity Rate (\$/kW-month)	Generator Output (kW)	(a) x (b)	Split	(c) x (d)	
				\$ -	90%	\$ -	
Energy Charge Service Fee ⁽¹⁾	Billing Period:	10/1/2018 to 10/31/2018		Energy		\$ 1,252.15	555
Energy Service Fee Rebate						\$ -	
ISO-NE Program Service Fee Rebate						\$ -	
Total Amount Due						\$ 10,207.86	

⁽¹⁾ See attached Energy Charge Detail for hourly LMP against hourly Generator Output

Preferred Payment Method
 ACH and Wiring Instructions:
 MB Financial
 ABA Number: 071001737
 Account Name: RESIDCO
 Account Number: 1530002674
 Reference: Invoice#

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

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

Timestamp	Hourly LMP (\$/MWh)	Generator Output (kWh)	Energy Charge (\$)		
10/1/2018 1:00	38.21	0 \$	-	Energy Charge Total	\$ 1,252.15
10/1/2018 2:00	31.66	0 \$	-	Kwh	16126.8
10/1/2018 3:00	24.74	0 \$	-		
10/1/2018 4:00	25.67	0 \$	-		
10/1/2018 5:00	23.63	0 \$	-		
10/1/2018 6:00	29.59	0 \$	-		
10/1/2018 7:00	40.68	0 \$	-		
10/1/2018 8:00	59.91	0 \$	-		
10/1/2018 9:00	35.42	0 \$	-		
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10/18/2018 19:00	38.52	0 \$	-
10/18/2018 20:00	60.52	0 \$	-
10/18/2018 21:00	38.07	0 \$	-
10/18/2018 22:00	44.72	0 \$	-
10/18/2018 23:00	32.42	0 \$	-
10/19/2018 0:00	29.68	0 \$	-
10/19/2018 1:00	27.13	0 \$	-
10/19/2018 2:00	28.05	0 \$	-
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10/25/2018 5:00	29.89	0 \$	-
10/25/2018 6:00	29.89	0 \$	-
10/25/2018 7:00	42.74	0 \$	-
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10/28/2018 21:00	50.56	0 \$	-
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10/31/2018 22:00	26.8	0 \$	-
10/31/2018 23:00	28.02	0 \$	-
11/1/2018 0:00	22.62	0 \$	-

to 565.00 - OCT

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

DATE 28-Nov-18
 INVOICE # B00289984
 NETWORK TRANSMISSION SERVICE
 CLA010-25.16-19.053
 Oct 2018

COINCIDENT NETWORK LOAD - PTF				7,315 KW	
COINCIDENT NETWORK LOAD - NON-PTF				7,315 KW	
LOAD RATIO SHARE - PTF				0.0015284	
LOAD RATIO SHARE - NON-PTF				0.0016950	
TOTAL MONTHLY TRANSMISSION SYSTEM EXPENSE - PTF					-\$8,928,903.84
TOTAL MONTHLY TRANSMISSION SYSTEM EXPENSE - NON-PTF					\$11,226,882.23

MONTHLY DEMAND CHARGE						
	PTF	-\$8,928,903.84	X	0.0015284	=	-\$13,647.10
	NON-PTF	\$11,226,882.23	X	0.0016950	=	\$19,029.60

TRANSFORMER SURCHARGE		11,995	X	0.37	-	\$4,438.15
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METER SURCHARGE						
		1.00	X	\$65.28	=	\$65.28
ADJUSTMENT						\$0.00
LOAD DISPATCH CHG						\$3,405.72
INTEREST REFUND						\$0.00
LOAD RATIO REBILL ADJ.						\$0.00
TOTAL TRANSMISSION CHARGE						\$13,291.65
Total Bill						\$13,291.65

PEAK LOAD FOR BILLING MONTH: 10/10/2018 7:00:00 PM

PAYMENT SHOULD BE MADE AS FOLLOWS:

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

PAYMENT BY FED WIRE: JP Morgan Chase ABA # 021000021 ACCOUNT: 777149667 Credit: National Grid USA	PAYMENT BY CHECK: New England Power Co. Post Office - Brooklyn, P.O. Box 29803 New York, NY 10087-9803
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QUESTIONS SHOULD BE ADDRESSED TO KEVIN REARDON (781) 907-2411, TRANSMISSION COMMERCIAL

nationalgrid

**New England Power Company
Network Transmission Revenue Requirement
Actual for the Month of Oct 2018**

Line	Description	Amount
Monthly Demand Charge (PTF)		
1	PTF Transmission Rate	32,292,982
2	Less: NEPOOL RNS revenue received	(41,221,886)
3	Monthly Demand Charge (PTF)	(8,928,904)
Monthly Non-PTF Demand Charge		
4	Return and Associated Income Taxes	14,104,543
5	Transmission Depreciation Expense	5,201,459
6	Transmission-Related Amortization of Loss on Reacquired Debt	-
7	Transmission-Related Amortization of Investment Tax Credits	(23,374)
8	Transmission-Related Amortization of FAS 109	-
9	Transmission-Related Municipal Tax Expense	3,985,986
10	Transmission Operation and Maintenance Expense	5,333,386
11	Transmission-Related Administration and General Expense	3,971,532
12	Transmission-Related Integrated Facilities Credit	14,382,283
13	Transmission Revenue Credit	(35,740,898)
14	Distribution-Related Integrated Facilities Credit	-
15	Billing Adjustments	-
16	Reactive Power Expense	-
17	Bad Debt Expense	11,766
18	Monthly Non-PTF Demand Charge	\$ 11,226,682
Detail - Return and Associated Income Taxes:		
19	Transmission Investment Base	1,630,253,019
20	Weighted cost of capital	(a) 10.3821%
21	Return and Associated Income Taxes - Annual	169,254,511
22	Return and Associated Income Taxes - Month	14,104,543

Notes

The billing for November 2018 includes an additional charge to true-up the Load Dispatch Surcharge fees to the costs reported on the September 2018 FERC Form 3Q filed report. A corresponding credit will be included in the December 2018 Transmission Revenue Credit line on the monthly Revenue Requirement.

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