

**STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION**

**IN RE: PASCOAG UTILITY DISTRICT :
2022 ANNUAL RECONCILIATION : DOCKET NO. 22-41-EL**

**PUBLIC UTILITIES COMMISSION'S FIRST SET OF DATA REQUESTS
DIRECTED TO PASCOAG UTILITY DISTRICT**

Issued December 1, 2022

PUC 1-1 Does Pascoag anticipate any change in usage patterns for its Tangent Assets from CY 2022 to CY 2023 given the drastic increase in energy pricing?

Response MRK – Pascoag does not expect a change in usage pattern. The Tangent unit is seldom dispatched for energy savings since it is a high variable-cost fossil unit that is experiencing the same run-up in fuel prices being felt by the industry in general. The Tangent unit is usually dispatched each month to lower Pascoag's peak load at time of the expected transmission peak (for RNS and LNS shared savings), and each year (usually in the summer months) to lower Pascoag's load at time of expected ICAP tag, or annual capacity peak (for Forward Capacity Market shared savings).

PUC 1-2 For CY 2023, does Pascoag have an estimate of what cost savings will be provided by the Tangent Assets?

Response MRK – Pascoag does not project cost savings from the Tangent asset in its pro-forma power supply and transmission budget prepared by Energy New England. The savings are developed based on Tangent's ability to forecast and dispatch the unit for ISO-NE capacity and transmission savings. When and if the savings are realized, Pascoag's customers enjoy the shared savings impact through lower costs during our annual reconciliation process. This process incentivizes Tangent to properly forecast the monthly and annual peaks, since Pascoag only pays Tangent based on performance of actual savings.

PUC 1-3 On page 2 of his direct testimony, Mr. Kirkwood states the total sustainable power in the Pascoag portfolio is 27%. What, if any, portion of this is representative of energy for which RECs have been sold?

Response MRK – Pascoag's strategy to-date has been to maximize savings to our customers by selling all available RECs. Every REC generated by the various facilities is sold by ENE at the highest attainable price for the benefit of Pascoag's retail customers, and Pascoag in turns passes these savings to our customers through the reconciliation process.

PUC 1-4 Page 10 of Ms. Young’s direct testimony identifies 2021 write-offs of \$12,021. Please explain why 2021 is significantly lower than other years.

Response HJY- That was an error on my part, I only ran 1 of the 2 write-off general ledger details. The total write-offs for 2021 were \$19,640.24

PUC 1-5 Page 15 of Ms. Young’s Addendum Testimony identifies a cumulative Transmission undercollection through December 2022 of \$123,461 and an undercollection for the period (CY2022) of \$251,051. It also appears that these net CY 2022 undercollections are the result of actual or estimated monthly undercollections for 9 of the 12 months in 2022. Please explain why most months in 2022 have or are expected to have a Transmission undercollection.

Response HJR- There are two reasons for the Transmission under-collections in 2022. The first has to do with the Corrected Addendum Year-End Status Report for Docket 5194, dated 12-6-21. We estimated that we would have an over-collection of funds for Transmission of \$107,247 at the end of 2021. This reduced the forecasted transmission cost by that amount ($\$2,212,309 - \$107,247 = \$2,105,062$). This lowered the rate in order to flow the over-collection back to the customers. By doing this, we created an under-collecting of \$110,250 for 2022. We were collecting less revenue than expenses causing an under-collection. Please see the Corrected Addendum RIPUC Docket No.: 5194, Page 21.

The second factor for the under-collection is due to higher cost that are being driven by the increase in congestion on the transmission lines. We are estimating an increase of \$137,507 above what was forecasted for 2022. .

The forecast for 2022 was \$2,212,309; we are estimating an expense of \$2,370,159 at year-end. The actual over-collection in 2021 for transmission was \$127,590 (Page 15 Line 233 G in the Addendum Y/E Status report Docket No. 22-41 EL) minus the estimate from the Corrected Addendum Year-End Status Report for Docket 5194, dated 12-6-22 Page 16, Line 233 G for \$107,247, ($\$127,590 - 107,247 = \$20,343$) resulting in an increase in the over-collection from 2021.

Year-end estimated Transmission Expense:	\$2,370,159 *
Forecast expense	<u>\$2,212,309 **</u>
Increase in expenses	\$157,850
Minus the additional over-collection from 2021	<u>(\$ 20,343)</u>
Estimated increase in expenses over the forecast	\$137,507

* From the Addendum Filing in RIPUC Docket No.:22-41-EL Page 8 Line 128 O

** From the corrected Addendum RIPUC Docket No.: 5194 Page 19 Line 65 O

These additional increases in expenses also contributed to the to the transmission under-collections for 9 of the 12 months.

RIPUC Docket No. 5194

Corrected Addendum Testimony

Dated 12-6-2021

Harle J. Young, Manager of Finance & Customer Service

- **Q1. What was the reason for the correction to the Addendum filing?**

A1. A couple of errors in the sales to customers was found in the Addendum file dated November 30, 2021, in the month of April and November of 2021. This submission corrects Schedule A-3 line 153 F and 153M on Page 9. The correct sales to customers for April 2021 can be seen on, Schedule B-4 on page 10. In the original filing it was listed as 4,230,979 kWh, it should have been 4,202,329 kWh. In November in the Addendum filing dated November 30, 2021, the sales to customers was listed as 4,204,198 kWh, the correct sales to customers was 3,967,630 kWh that can be seen on page 12. The District is still using a one-year average of consumption based on the 2021 sales for January – November and a one-year average using the consumption from 2020 for December with no growth in 2022. Please see Schedule E on page 18. The estimated sales for 2022 are 53,774 MWH

- **Q2. What impact does the corrected sales to customer and less revenue have on the filing that was submitted on November 30, 2021?**

A.2. The over-collection reflected in this filing is estimated to be \$124,788. In the Addendum filing submitted on November 30, 2021, Pascoag forecasted an over-collection of \$132,896. The breakdown of the new forecast of factors is outlined in the Corrected Addendum Table 1, below:

Corrected Addendum Table1:	Forecast at December 31,2021	
Power Supply Service	\$17,540	Page 14
Transition	\$0.00	Page 15
Transmission	\$107,247	Page16
Total	\$124,788	Page 13

The Cumulative over-collection can be seen in Schedule C-1 on page 13. The actual expenses exceeded revenue in January, March- July, October, with revenue exceeding expenses in February, August, and September. We used ENE Forecast and expect expenses to exceed revenue in November and December of 2021

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

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

Corrected Addendum Table 2:	Current	Proposed	Difference
Power Supply Service	\$0.06273	\$0.06451	\$0.00178
Transmission	\$0.03687	\$0.03915	\$0.00228
PPRFC	<u>(\$0.00129)</u>	<u>(\$0.00121)</u>	<u>\$0.00008</u>
Total	\$0.09573	\$0.10245	\$0.00414

- **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 \$75.92 under the proposed rates, that customer would see his monthly bill increase to \$77.98, an increase of \$2.07 or a 2.7% increase. Please see Schedule H-1 on page 22. If we factor in the new rate of the service distribution charge, a customer using 500 kilowatt-hours will see their overall bills increase to \$81.16 an increase of \$5.25 or 6.9%. Please see Schedule H-2 on page 23.

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

A5. Yes, it does.

	A	B	C	D	E	F	G	H	I	
712				October 2021 ACTUAL						
713	Energy Component	Kwhrs		Purchase Power		Transmission		Total	Average	
714										
715	MMWEC - Project 6									
716	Project 6	28,775		\$ 3,824.62		\$ 59.54		\$ 3,884.16		
717	Credit									
718	Total MMWEC-Project 6	28,775		\$ 3,824.62		\$ 59.54		\$ -	\$ (0.1658)	
719										
720	MMWEC Non-PSA									
721	Admin Exp			\$ 156.50				\$ 156.50		
722	HQI					\$ 594.47		\$ 594.47		
723	HQII							\$ -		
724	HQIII							\$ -		
725	NYPA Billing correction							\$ -		
726	Total MMWEC Non PSA			\$ 156.50		\$ 594.47		\$ 750.97		
727										
728										
729										
730										
731										
732										
733										
734										
735										
736	NYPA - St Lawrence & Niagara									
737	Demand			\$ 5,651.44				\$ 5,651.44		
738	Energy	846,296		\$ 4,163.33				\$ 4,163.33		
739	NYISO Ancillary					\$ 581.47		\$ 581.47		
740	TUC Charges					\$ 17,636.17		\$ 17,636.17		
741	ISO True up Charges/credits			\$ (7,067.05)		\$ 4.03		\$ (7,063.02)		
742	Total - ST LAWRENCE	846,296		\$ 2,747.72		\$ 18,221.67		\$ 20,969.39	\$ 0.0248	
743										
744										
745	National Grid									
746	Direct Assignment Facilities (DAR)					\$ 5,665.00		\$ 5,665.00		
747	LNS - NGrid					\$ 18,348.50		\$ 18,348.50	EST	
748	Total National Grid					\$ 24,013.50		\$ 24,013.50		
749										
750	Energy New England									
751	All Requirements/ST Power Sply			\$ 7,807.00				\$ 7,807.00		
752	Spruce Mountain	117,475		\$ 11,659.42				\$ 11,659.42	\$ 0.0993	
753	Spruce Mountain - REC Sales							\$ -		
754	Spruce Mountain - FCM Credit/Settlement			\$ (846.45)				\$ (846.45)		
755	Brown Bear II Hydro/ Miller Hydro	53,082		\$ 2,547.96				\$ 2,547.96	\$ 0.0480	
756	Brown bear Renew energy sales							\$ -	#DIV/0!	
757	Energy Purchase BP	2,418,400		\$ 89,118.04				\$ 89,118.04		
758	Financial Settlement BP							\$ -		
759	First Light Power Resource Managem	291,113		\$ 12,058.42				\$ 12,058.42		
760	First Light Power Resource settlement			\$ 44.26				\$ 44.26		
761	HQ Use Right Payment					\$ (1,441.00)		\$ (1,441.00)		
762	HQ HQICC Payment			\$ (1,016.23)				\$ (1,016.23)	#DIV/0!	
763	Financial Settlement - Exelon							\$ -	#DIV/0!	
764	Energy Purchase NextEra	372,000		\$ 15,583.08				\$ 15,583.08		
765	Option Energy Purchase NextEra	496,000		\$ 20,778.54				\$ 20,778.54		
766	Option Mthly Fixed Cost - NextEra			\$ 7,320.00				\$ 7,320.00		
767	UCAP Purchase - NextEra			\$ 2,510.00				\$ 2,510.00	#DIV/0!	
768	NextEra Energy Mrtg UCAP Sales			\$ (4,631.00)				\$ (4,631.00)		
769	Energy Purchase -Canton Mnt Wind	94,311		\$ 9,733.79						
770	Canton Mnt Rec Sales									
771	Canton Mnt Wind FMC Credit/Settlement			\$ (784.18)				\$ (784.18)		
772	ENE/ISO									
773	ISO Monthly Charges			\$ 105,312.95		\$ 108,790.04		\$ 214,102.99		
774	Weekly Sales/Purchases	-433,578		\$ (19,174.19)				\$ (19,174.19)	\$ 0.0442	
775	Annual ISO Membership Fees							\$ -		
776	MH CM Credit							\$ -		
777	ENE/Constant Energy Capital									
778	Pascoag Power House - Energy	32,624		\$ 11,191.77				\$ 11,191.77		
779	Pascoag Power House -Transmission					\$ 11,535.48		\$ 11,535.48	Sept Transmiss	
780	Total -Energy New England	3,441,427		\$ 269,213.18		\$ 118,884.52		\$ 388,097.70		
781	Legal Fees			\$ 94.82		\$ 3,284.96		\$ 3,379.78		
782	ISM Solar credit			\$ (3,300.00)				\$ (3,300.00)		
783	Power Cost - October 2020	4,316,498	0	\$ 272,736.84		\$ 165,058.66		\$ 437,795.50	\$ 0.1014	
784										
785	NYPA Interruptible Kwhrs:			Month		Y-T-D				
786	Niagara & St Lawrence			179,696		1,011,804				
787										
788				179,696		1,011,804				

	A	B	C	D	E	F	G	H	I
790	Pascoag Utility District - Expense by Rate Component								
791	November 2021 Estimate								
792	Energy Component	Kwhrs		Purchase Power		Transmission		Total	Average
793									
794	MMWEC - Project 6								
795	Project 6 SeaBrook	937,000		\$ 26,253.81		\$ 58.48		\$ 26,312.29	
796	Credit							\$ -	
797	Total MMWEC-Project 6	937,000		\$ 26,253.81		\$ 58.48		\$ 26,312.29	\$ 0.0281
798									
799	MMWEC Non-PSA								
800	Admin Exp			\$ 100.00				\$ 100.00	
801	HQI			\$ (1,090.54)		\$ (41.29)		\$ (1,131.83)	
802	HQII							\$ -	
803	HQIII							\$ -	
804	NYPA Billing correction								
805	Total MMWEC Non PSA			\$ (990.54)		\$ (41.29)		\$ (1,031.83)	
806									
807	NYPA - Niagara & St Lawrence								
808	Demand			\$ 5,697.10				\$ 5,697.10	
809	Energy	583,000		\$ 2,871.16		\$ 13,329.36		\$ 16,200.52	
810	NYISO Ancillary							\$ -	
811	TUC Charges							\$ -	
812	ISO True up Charges/credits			\$ (12,740.44)				\$ (12,740.44)	
813	Total - Niagara	583,000		\$ (4,172.18)		\$ 13,329.36		\$ 9,157.18	\$ 0.0157
814									
815									
816	National Grid								
817	Direct Assignment Facilities (DAR)					\$ 14,420.00		\$ 14,420.00	
818	LNS - NGrid					\$ 26,702.00		\$ 26,702.00	
819	Total National Grid					\$ 41,122.00		\$ 41,122.00	
820									
821	Energy New England								
822	All Requirements/ST Power Sply			\$ 7,676.00				\$ 7,676.00	
823	Spruce Mountain	148,000		\$ 14,689.00				\$ 14,689.00	\$ 0.0993
824	Spruce Mountain - REC Sales			\$ (8,937.73)				\$ (8,937.73)	
825	Spruce Mountain - FCM Credit/Settlement							\$ -	
826	Brown Bear II Hydro/ Miller Hydro	133,000		\$ 6,888.13				\$ 6,888.13	
827	Brown bear Renew energy sales							\$ -	
828	Energy Purchase BP	1,596,000		\$ 58,794.18				\$ 58,794.18	\$ 0.0368
829	Financial Settlement BP							\$ -	
830	First Light Power Resource Management							\$ -	#DIV/0!
831	First Light Power Resource settlement							\$ -	#DIV/0!
832	HQ Use Right Payment							\$ -	#DIV/0!
833	HQ HQICC Payment							\$ -	
834	Financial Settlement - Exelon							\$ -	
835	Energy Purchase NextEra	361,000		15101.35				\$ 15,101.35	\$ 0.0418
836	Option Energy Purchase NextEra	480,000		20108.26				\$ 20,108.26	#DIV/0!
837	Option Mthly Fixed Cost - NextEra			\$ 7,320.00				\$ -	#REF!
838	UCAP Purchase - NextEra			\$ 2,510.00				\$ -	
839	NextEra Energy Mrtg UCAP Sales							\$ -	
840	Energy Purchase -Canton Mnt Wind	123,000		\$ 12,890.40				\$ 12,890.40	
841	Canton Mnt Rec Sales			\$ (7,464.88)				\$ (7,464.88)	
842	Canton Mnt Wind FMC Credit/Settlement							\$ -	
843	ENE/ISO							\$ -	
844	ISO Monthly Charges			\$ 100,881.39		\$ 108,805.22		\$ 209,686.61	#DIV/0!
845	Weely Sales/Purchases	409,000		\$ 15,408.80				\$ 15,408.80	\$ 0.0377
846	Annual ISO Membership Fees							\$ -	
847	MC CM Credit							\$ -	#DIV/0!
848	ENE/Constant Energy Capital								
849	Pascoag Power House-Energy			\$ 7,925.26				\$ 7,925.26	
850	Pascoag Power House-Transmission							\$ -	Oct Transmissio
851								\$ -	
852	Total Energy New England	3,250,000		\$ 253,790.16		\$ 108,805.22		\$ 362,595.38	
853	Legal Fees							\$ -	
854	ISM Solar Credit			\$ (3,300.00)				\$ (3,300.00)	
855	Power Cost November 2019	4,770,000	0	271,581.25		\$ 163,273.77		\$ 434,855.02	\$ 0.0912
856									
857	NYPA Interruptible Kwhrs:			Month		Y-T-D			
858	Niagara & St Lawrence					1,011,804			
859						-			
860						1,011,804			

	A	B	C	D	E	F	G	H	I
863	December 2021 -Estimate								
864	Energy Component	Kwhrs		Purchase Power		Transmission		Total	Average
865									
866	MMWEC - Project 6								
867	Project 6	970,000		\$ 26,409.92		\$ 58.48		\$ 26,468.40	
868	Credit							\$ -	
869	Total MMWEC-Project 6	970,000		\$ 26,409.92		\$ 58.48		\$ 26,468.40	\$ 0.0273
870									
871	MMWEC Non-PSA								
872	Admin Exp			\$ 100.00				\$ 100.00	
873	HQI			\$ (1,090.54)		\$ (41.29)		\$ (1,131.83)	
874	HQII							\$ -	
875	HQIII							\$ -	
876	NYPA Billing correction								
877	Total MMWEC Non PSA			\$ (990.54)		\$ (41.29)		\$ (1,031.83)	
878									
879	NYPA - Niagara & St Lawrence								
880	Demand			\$ 5,697.10				\$ 5,697.10	
881	Energy	558,000		\$ 2,741.59				\$ 2,741.59	
882	NYISO Ancillary					\$ 16,329.36		\$ 16,329.36	
883	TUC Charges							\$ -	
884	ISO True up Charges/credits			\$ (12,740.44)				\$ (12,740.44)	
885	Total - Niagara & St Lawrence	558,000		\$ (4,301.75)		\$ 16,329.36		\$ 12,027.61	\$ 0.0216
886									
887									
888									
889									
890									
891									
892									
893									
894									
895	National Grid							\$ -	
896	Direct Assignment Facilities (DAR)					\$ 14,420.00		\$ 14,420.00	
897	LNS - NGrid					\$ 29,847.00		\$ 29,847.00	
898	Total National Grid					\$ 44,267.00		\$ 44,267.00	
899									
900	Energy New England								
901	All Requirements/ST Power Sply			\$ 7,679.00				\$ 7,679.00	
902	Spruce Mountain	175,000		\$ 17,401.17				\$ 17,401.17	\$ 0.0994
903	Spruce Mountain - REC Sales							\$ -	
904	Spruce Mountain - FCM Credit/Settlement							\$ -	
905	Brown Bear II Hydro/Hydro Miller	123,000		\$ 6,392.32				\$ 6,392.32	\$ 0.0520
906	Brown bear Renew energy sales							\$ -	
907	Energy Purchase BP	2,174,000		\$ 80,097.16				\$ 80,097.16	\$ 0.0368
908	Financial Settlement BP							\$ -	#DIV/0!
909	First Light Power Resourse Management							\$ -	#DIV/0!
910	First Light Power Resourse settlement							\$ -	
911	HQ Use Right Payment							\$ -	
912	HQ HQICC Payment							\$ -	#DIV/0!
913	Financial Settlement - Exelon							\$ -	
914	Energy Purchase NextEra	372,000		\$ 15,583.08				\$ 15,583.08	0.04189
915	Option Energy Purchase NextEra	496,000		\$ 20,778.54				\$ 20,778.54	\$ 0.0419
916	Option Mthly Fixed Cost - NextEra			\$ 7,320.00				\$ 7,320.00	
917	UCAP Purchase - NextEra			\$ 2,510.00				\$ 2,510.00	
918	NextEra Energy Mrtg UCAP Sales							\$ -	
919	Energy Purchase -Canton Mnt Wind	136,000		\$ 14,296.99				\$ 14,296.99	
920	Canton Mnt Rec Sales							\$ -	
921	Canton Mnt Wind FMC Credit/Settlement								
922	ENE/ISO								
923	ISO Monthly Charges			\$ 107,747.53		\$ 124,677.57		\$ 232,425.10	#DIV/0!
924	Weekly Sales/Purchases	389,000		\$ 22,543.63				\$ 22,543.63	
925	Annual ISO Membership Fee							\$ -	
926	MH CM Credit							\$ -	
927	ISO weekly Charges							\$ -	
928	ENE/Constant Energy Capital								
929	Pascoag Power House-Energy			\$ 7,925.26				\$ 7,925.26	#DIV/0!
930	Pascoag Power House-Transmission							\$ -	
931	Total Energy New England	3,865,000		\$ 310,274.68		\$ 124,677.57		\$ 434,952.25	
932	Legal Fees							\$ -	
933	ISM Solar Credit			\$ (3,300.00)				\$ (3,300.00)	#DIV/0!
934	Net Metering Customers							\$ -	
935									\$ 0.0952
936	Power Cost - December 2020	5,393,000		\$ 328,092.31		\$ 185,291.12		\$ 513,383.43	
937									
938	NYPA Interruptible Kwhrs:			Month		Y-T-D			
939	Niagara					1,011,804			
940	St Lawrence					-			
941						1,011,804			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	Pascoag Utility District - Electric Department																
	Summary of Purchase Power Costs (1)																
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Estimate Nov-21	Estimate Dec-21	Total				
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
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66																	
67																	
68																	
	Total kWhrs												4,770,000	5,393,000	59,171,768	(A3, Line 183)	
	Purchased Power Expense												kw/hr Proof	59,171,768	(Schedule D, Line F32)		
	NYPA												8,438.69	\$ 8,438.69	\$ 98,443.10		
	Seabrook-Project 6												26,253.81	\$ 26,253.81	\$ 287,192.02		
	Seabrook Credit																
	MIMWEC Admin Fee																
	NYPA 1995 True Up																
	Legal Fees- SOS																
	Energy Purchase Canton Mtn Wind																
	Canton Mnt UCAP FMC Credit																
	Canton Mtn Wind REC's sales																
	Net Meter Customers																
	Net Meter Customers																
	First Light Power Res Mngmnt																
	Brown Bear Hydro II																
	Spruce Mnt																
	Spruce Mnt REC Sales/maint fee																
	next Era Energy MK Ucap Sales																
	Spruce Mnt Wind FMC Credit																
	First light wind SETTLEMENT																
	ENE All Requirements																
	BP Settlement/NextEra																
	BP Energy																
	NextEra Energy																
	NextEra Mthly Fixed																
	NextEra Rise Capacity Purchase																
	Canton Mnt SETTLEMENT																
	ISO Monthly Charges																
	HQ Use Right/HQICC																
	ISO Weekly Activity																
	next Era Energy MK Ucap Sales																
	Next Era /EEECs upfront fee																
	Brown Bear REC Sales																
	Renewable Energy Cabot & Turner																
	Constant Energy Capital(CEC)																
	ISM Solar Credit																
	Transmission/including Legal																
	Total Expense												437,795.50	\$ 437,795.50	\$ 5,575,221.72	(A2, Line 125)	
	Revenue Proof:												\$ 5,575,221.72				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
69																	
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Schedule B-4

For Billing month: April 2021

S

Code	Kw	Kwhrs	Demand/ Distribution	Renewable	Transmission	Transition	Conservation	Cust Chg	Stand Offer	Street Lt**	PPRFC	Power Ftr	Other	Total	# Cust
Res		2,517,652	\$ 98,742.31	\$ 755.30	\$ 92,825.83	\$ -	\$ 5,035.30	\$ 25,890.00	\$ 157,932.31		\$ (3,247.77)			\$ 377,933.28	4315
Comm		271,038	\$ 11,372.75	\$ 81.31	\$ 9,993.17	\$ -	\$ 542.08	\$ 7,905.00	\$ 17,002.21		\$ (349.64)			\$ 46,546.89	527
Indus		1,413,639	\$ 49,184.93	\$ 424.09	\$ 52,120.87	\$ -	\$ 2,827.28	\$ 7,216.00	\$ 88,677.57		\$ (1,823.59)		\$ (532.13)	\$ 198,095.02	64
New Rate		-	\$ (0.06)	\$ 0.23	\$ (2.13)	\$ 0.04	\$ (0.01)		\$ 1.70		\$ -0.24			\$ (0.47)	4906
SL		28,650													
Total		4,798.53	\$ 159,299.94	\$ 1,260.93	\$ 154,937.74	\$ 0.04	\$ 8,404.65	\$ 41,011.00	\$ 263,613.80	\$ 6,119.04	\$ (5,421.24)	\$ -	\$ (532.13)	\$ 628,693.76	

sales w/o st lights

4,202,329

Transmission	\$ 154,937.74
Transition	\$ 0.04
Stand Offer	\$ 263,613.80
Revenue	\$ 418,551.58

Schedule B -10

For Billing month: Oct 2021

S

Code	Kw	Kwhrs	Demand/ Distribution	Renewable	Transmission	Transition	Conservation	Cust Chg	Stand Offer	Street Lt**	PPRFC	Power Ftr	Other	Total	# Cust										
Res		2,538,922	\$	99,576.52	\$	761.68	\$	93,610.05	\$	-	\$	5,077.84	\$	26,016.00	\$	159,266.58	\$	381,033.46	4336						
Comm		236,100	\$	9,906.76	\$	70.83	\$	8,705.01	\$	-	\$	472.20	\$	7,950.00	\$	14,810.55	\$	41,610.78	530						
Indus		1,429,176	\$	50,381.31	\$	428.75	\$	52,693.72	\$	-	\$	2,858.35	\$	6,990.50	\$	89,652.21	\$	200,536.65	62						
New Rate		-	\$	0.14	\$	0.11	\$	0.08	\$	-	\$	0.04	\$	(0.02)	\$	-0.18	\$	0.17	4928						
SL		38,844	\$		\$		\$		\$		\$		\$		\$		\$								
Total		4,915,25	\$	159,864.73	\$	1,261.37	\$	155,008.86	\$	-	\$	8,408.44	\$	40,956.50	\$	263,729.32	\$	6,143.65	\$	(5,423.60)	\$	(624.56)	\$	629,324.71	

sales w/o st lights 4,204,198 (38,844)

Transmission	\$	155,008.86
Transition	\$	-
Stand Offer	\$	263,729.32
Revenue	\$	418,738.18

Code	Kw	Kwhrs	Demand/ Distribution	Renewable	Transmission	Transition	Conservation	Cust Chg	Stand Offer	Street Lt**	PPRFC	Power Ftr	Other	Total	# Cust
Res		2,405,818	\$ 94,356.18	\$ 721.75	\$ 88,702.51	\$ -	\$ 4,811.64	\$ 26,064.00	\$ 150,916.96	\$ -	\$ (3,103.51)	\$ -	\$ -	\$ 362,469.53	4344
Comm		226,560	\$ 9,506.46	\$ 67.97	\$ 8,353.27	\$ -	\$ 453.12	\$ 8,025.00	\$ 14,212.11	\$ -	\$ (292.26)	\$ -	\$ -	\$ 40,325.66	535
Indus		1,335,252	\$ 50,224.49	\$ 400.58	\$ 49,230.74	\$ -	\$ 2,670.50	\$ 6,990.50	\$ 83,760.36	\$ -	\$ (1,722.48)	\$ -	\$ (624.56)	\$ 190,930.13	62
New Rate			\$ (0.00)	\$ 0.04	\$ 0.11	\$ -	\$ (0.04)	\$ -	\$ (0.25)	\$ -	\$ -0.5	\$ -	\$ -	\$ -	4941
SL		38,888													
Total		4,899.95	\$ 4,006,518	\$ 1,190.33	\$ 146,286.63	\$ -	\$ 7,935.22	\$ 41,079.50	\$ 248,889.18	\$ 6,161.00	\$ (5,118.74)	\$ -	\$ (624.56)	\$ 599,885.68	
sales	w/o st lights		3,967,630												

Transmission	\$ 146,286.63
Transition	\$ -
Stand Offer	\$ 248,889.18
Revenue	\$ 395,175.81

	A	B	C	D	E	F	G	H	I	J
176	Combined Purchase Power Supply and Transmission Charge									
177		Start Bal	Revenue	Expense		Monthly	Cumulative		Schedule C-1	
178	Jan-19	(\$40,245)	\$493,946	\$ 541,624		(\$47,678)	(\$87,923)			
179	Feb-19	(\$87,923)	\$539,328	\$ 523,660		\$15,668	(\$72,255)			
180	Mar-19	(\$72,255)	\$492,572	\$ 506,936		(\$14,364)	(\$86,619)			
181	Apr-19	(\$86,619)	\$463,111	\$ 459,585		\$3,526	(\$83,093)			
182	May-19	(\$83,093)	\$427,091	\$ 453,012		(\$25,922)	(\$109,015)			
183	Jun-19	(\$109,015)	\$455,151	\$ 431,792		\$23,359	(\$85,656)			
184	Jul-19	(\$85,656)	\$514,865	\$ 521,363		(\$6,498)	(\$92,154)			
185	Aug-19	(\$92,154)	\$637,534	\$ 478,955		\$158,579	\$66,425			
186	Sep-19	\$66,425	\$551,022	\$ 460,420		\$90,602	\$157,027			
187	Oct-19	\$157,027	\$477,572	\$ 454,992		\$22,580	\$179,607			
188	Nov-19	\$179,607	\$456,622	\$ 256,479		\$200,143	\$379,750			
189	Dec-19	\$379,750	\$493,963	\$ 454,214		\$39,749	\$419,499			
190	Period Cumulative Over/(Under) collection					\$459,745		(A3, Line 160)		
191	Forecast Cumulative Over/(Under) Collection at 12/31/2019						\$419,499			
192										
193	Combined Standard Offer, Transition Charge, and Transmission Charge									
194		Start Bal	Revenue	Expense		Monthly	Cumulative			
195	Jan-20	\$419,499	\$515,675	\$ 483,846		\$31,829	\$451,329			
196	Feb-20	\$451,329	\$455,047	\$ 462,267		(\$7,220)	\$444,108			
197	Mar-20	\$444,108	\$404,142	\$ 379,856		\$24,286	\$468,394			
198	Apr-20	\$468,394	\$404,895	\$ 463,583		(\$58,688)	\$409,706			
199	May-20	\$409,706	\$384,967	\$ 402,759		(\$17,792)	\$391,914			
200	Jun-20	\$391,914	\$384,582	\$ 447,382		(\$62,800)	\$329,115			
201	Jul-20	\$329,115	\$491,082	\$ 537,167		(\$46,085)	\$283,030			
202	Aug-20	\$283,030	\$610,292	\$ 480,974		\$129,318	\$412,348			
203	Sep-20	\$412,348	\$484,817	\$ 472,884		\$11,933	\$424,281			
204	Oct-20	\$424,281	\$404,531	\$ 434,113		(\$29,582)	\$394,698			
205	Nov-20	\$394,698	\$396,086	\$ 395,969		\$118	\$394,816			
206	Dec-20	\$394,816	\$409,992	\$ 456,274		(\$46,281)	\$348,535			
207	Period Cumulative Over/(Under) collection					(\$70,964)		(A3, Line 160)		
208	Forecast Cumulative Over/(Under) Collection at 12/31/2020						\$348,535			
209										
210	Combined Purchase Power and Transmission Charge									
211		Start Bal	Revenue	Expense		Monthly	Cumulative			
212	Jan-21	\$348,535	\$480,479	\$ 496,334		(\$15,855)	\$332,681			
213	Feb-21	\$332,681	\$483,421	\$ 454,334		\$29,087	\$361,767			
214	Mar-21	\$361,767	\$433,699	\$ 483,284		(\$49,585)	\$312,182			
215	Apr-21	\$312,182	\$418,550	\$ 439,147		(\$20,597)	\$291,585			
216	May-21	\$291,585	\$366,851	\$ 369,099		(\$2,248)	\$289,336			
217	Jun-21	\$289,336	\$409,445	\$ 484,205		(\$74,761)	\$214,576			
218	Jul-21	\$214,576	\$503,004	\$ 514,211		(\$11,207)	\$203,369			
219	Aug-21	\$203,369	\$503,251	\$ 468,999		\$34,253	\$237,621			
220	Sep-21	\$237,621	\$524,375	\$ 479,575		\$44,800	\$282,421			
221	Oct-21	\$282,421	\$418,738	\$ 437,796		(\$19,057)	\$263,364			
222	Nov-21	\$263,364	\$395,176	\$ 434,855		(\$39,679)	\$223,685	Estimate		
223	Dec-21	\$223,685	\$414,487	\$ 513,383		(\$98,897)	\$124,788	Estimate		
224	Period Cumulative Over/(Under) collection					(\$223,748)		(A3, Line 160)		
225	Forecast Cumulative Over/(Under) Collection at 12/31/2021						\$124,788			

	A	B	C	D	E	F	G	H
183	Purchase Power Supply ,Formally know as Standard Offer							
184								
185		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>	<u>Schedule C-2</u>
186	Jan-19	(\$183,194)	\$346,937	\$ 376,365		\$ (29,428)	(\$212,622)	
187	Feb-19	(\$212,622)	\$377,420	\$ 362,569		\$ 14,851	(\$197,771)	
188	Mar-19	\$ (197,771)	\$344,579	\$ 367,257		\$ (22,678)	(\$220,449)	
189	Apr-19	(\$220,449)	\$323,970	\$ 312,863		\$ 11,107	(\$209,342)	
190	May-19	(\$209,342)	\$298,772	\$ 322,781		\$ (24,009)	(\$233,351)	
191	Jun-19	(\$233,351)	\$318,401	\$ 291,213		\$ 27,188	(\$206,163)	
192	Jul-19	(\$206,163)	\$360,175	\$ 370,856		\$ (10,681)	(\$216,844)	
193	Aug-19	(\$216,844)	\$445,987	\$ 317,503		\$ 128,484	(\$88,360)	
194	Sep-19	(\$88,360)	\$385,469	\$ 309,464		\$ 76,005	(\$12,355)	
195	Oct-19	(\$12,355)	\$334,086	\$ 304,782		\$ 29,304	\$16,949	
196	Nov-19	\$16,949	\$319,431	\$ 156,355		\$ 163,076	\$180,025	
197	Dec-19	\$180,025	\$345,553	\$ 310,195		\$ 35,358	\$215,383	
198	Period Cumulative Over/(Under) collection					\$398,577		
199								
200	Forecast Cumulative Over/(Under) Collection at 12/31/2019						\$215,383	
201								
202	Last Resort Service,Formally know as Standard Offer							
203								
204		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>	
205	Jan-20	\$215,383	\$358,517	\$ 342,247		\$ 16,271	\$231,654	
206	Feb-20	\$231,654	\$308,841	\$ 326,427		\$ (17,586)	\$214,067	
207	Mar-20	\$ 214,067	\$273,694	\$ 250,309		\$ 23,385	\$237,452	
208	Apr-20	\$237,452	\$274,204	\$ 328,604		\$ (54,400)	\$183,052	
209	May-20	\$183,052	\$260,709	\$ 270,278		\$ (9,569)	\$173,483	
210	Jun-20	\$173,483	\$260,448	\$ 308,046		\$ (47,598)	\$125,885	
211	Jul-20	\$125,885	\$332,572	\$ 379,974		\$ (47,402)	\$78,483	
212	Aug-20	\$78,483	\$413,304	\$ 307,316		\$ 105,988	\$184,470	
213	Sep-20	\$184,470	\$328,329	\$ 302,061		\$ 26,268	\$210,738	
214	Oct-20	\$210,738	\$273,957	\$ 288,453		\$ (14,496)	\$196,243	
215	Nov-20	\$196,243	\$268,239	\$ 253,457		\$ 14,782	\$211,024	
216	Dec-20	\$211,024	\$277,656	\$ 322,909		\$ (45,253)	\$165,771	
217	Period Cumulative Over/(Under) collection					(\$49,610)		
218							\$165,771	
219				Moved here From Transition			\$5,156	
220	Forecast Cumulative Over/(Under) Collection at 12/31/2020						\$170,927	
221	Power Supply Service , formally know as Standard Offer							
222								
223		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>	
224	Jan-21	\$170,927	\$320,873	\$ 328,644		\$ (7,771)	\$163,156	
225	Feb-21	\$163,156	\$305,368	\$ 300,114		\$ 5,254	\$168,411	
226	Mar-21	\$ 168,411	\$273,152	\$ 303,054		\$ (29,902)	\$138,509	
227	Apr-21	\$138,509	\$263,612	\$ 279,761		\$ (16,149)	\$122,360	
228	May-21	\$122,360	\$231,050	\$ 221,885		\$ 9,165	\$131,525	
229	Jun-21	\$131,525	\$257,886	\$ 329,314		\$ (71,428)	\$60,096	
230	Jul-21	\$60,096	\$316,801	\$ 323,694		\$ (6,893)	\$53,204	
231	Aug-21	\$53,204	\$316,957	\$ 299,644		\$ 17,313	\$70,517	
232	Sep-21	\$70,517	\$330,261	\$ 284,498		\$ 45,763	\$116,280	
233	Oct-21	\$116,280	\$263,729	\$ 272,737		\$ (9,007)	\$107,273	
234	Nov-21	\$107,273	\$248,889	\$ 271,581		\$ (22,692)	\$84,581	Estimate
235	Dec-21	\$84,581	\$261,052	\$ 328,092		\$ (67,041)	\$17,540	Estimate
236	Period Cumulative Over/(Under) collection					(\$153,387)		
237								
238	Forecast Cumulative Over/(Under) Collection at 12/31/2021						\$17,540	

	A	B	C	D	E	F	G	H	I	
185	Transition Charge									
186								Schedule C-3		
187		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>			
188	Jan-19	\$43,028	\$3,404	\$11,000		(\$7,596)	\$35,432			
189	Feb-19	\$35,432	\$7,482	\$11,000		(\$3,518)	\$31,914			
190	Mar-19	\$31,914	\$7,119	\$11,000		(\$3,881)	\$28,033			
191	Apr-19	\$28,033	\$6,693	\$11,000		(\$4,307)	\$23,726			
192	May-19	\$23,726	\$6,172	\$11,000		(\$4,828)	\$18,898			
193	Jun-19	\$18,898	\$6,578	\$11,000		(\$4,422)	\$14,476			
194	Jul-19	\$14,476	\$7,441	\$11,000		(\$3,559)	\$10,917			
195	Aug-19	\$10,917	\$9,214	\$11,000		(\$1,786)	\$9,131			
196	Sep-19	\$9,131	\$7,964	\$11,000		(\$3,036)	\$6,095			
197	Oct-19	\$6,095	\$6,902	\$11,000		(\$4,098)	\$1,997			
198	Nov-19	\$1,997	\$6,599	\$11,000		(\$4,401)	(\$2,404)			
199	Dec-19	(\$2,404)	\$7,139	\$11,000		(\$3,861)	(\$6,265)			
200										
201		Period Cumulative Over/(Under) collection					(\$49,293)			
202										
203	Forecast Cumulative Over/(Under) Collection at 12/31/2019							(\$6,265)		
204										
205	Transition Charge									
206										
207		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>			
208	Jan-20	(\$6,265)	\$6,112	\$0		\$6,112	(\$152)			
209	Feb-20	(\$152)	\$867	\$0		\$867	\$715			
210	Mar-20	\$715	\$410	\$0		\$410	\$1,125			
211	Apr-20	\$1,125	\$411	\$0		\$411	\$1,536			
212	May-20	\$1,536	\$391	\$0		\$391	\$1,927			
213	Jun-20	\$1,927	\$390	\$0		\$390	\$2,317			
214	Jul-20	\$2,317	\$498	\$0		\$498	\$2,815			
215	Aug-20	\$2,815	\$619	\$0		\$619	\$3,435			
216	Sep-20	\$3,435	\$492	\$0		\$492	\$3,927			
217	Oct-20	\$3,927	\$411	\$0		\$411	\$4,338			
218	Nov-20	\$4,338	\$402	\$0		\$402	\$4,740			
219	Dec-20	\$4,740	\$416	\$0		\$416	\$5,156			
220										
221		Period Cumulative Over/(Under) collection					\$11,420			
222										
223	Forecast Cumulative Over/(Under) Collection at 12/31/2020							\$5,156		
224							-5156			
225		Moved to Last Resort Service.						(\$0)		

	A	B	C	D	E	F	G	H	I
177								Testimony Exhibit HJY 7.5	
178	Transmission Charge							Schedule C-4	
179		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>		
180	Jan-19	\$99,920	\$143,606	\$ 154,260		(\$10,654)	\$89,266		
181	Feb-19	\$89,266	\$154,426	\$ 150,091		\$4,335	\$93,601		
182	Mar-19	\$93,601	\$140,874	\$ 128,679		\$12,195	\$105,796		
183	Apr-19	\$105,796	\$132,448	\$ 135,723		(\$3,275)	\$102,521		
184	May-19	\$102,521	\$122,147	\$ 119,231		\$2,916	\$105,437		
185	Jun-19	\$105,437	\$130,171	\$ 129,578		\$593	\$106,030		
186	Jul-19	\$106,030	\$147,250	\$ 139,508		\$7,742	\$113,772		
187	Aug-19	\$113,772	\$182,332	\$ 150,452		\$31,880	\$145,652		
188	Sep-19	\$145,652	\$157,590	\$ 139,956		\$17,634	\$163,286		
189	Oct-19	\$163,286	\$136,584	\$ 139,210		(\$2,626)	\$160,660		
190	Nov-19	\$160,660	\$130,592	\$ 89,125		\$41,467	\$202,127		
191	Dec-19	\$202,127	\$141,273	\$ 133,019		\$8,254	\$210,381		
192									
193		Period Cumulative Over/(Under) collection					\$110,461		
194									
195	Forecast cumulative Over/(Under) Collection at 12/31/2019						\$210,381		
196									
197									
198	Transmission Charge								
199		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>		
200	Jan-20	\$210,381	\$151,045	\$ 141,599		\$9,446	\$219,827		
201	Feb-20	\$219,827	\$145,338	\$ 135,840		\$9,498	\$229,327		
202	Mar-20	\$229,327	\$130,037	\$ 129,547		\$490	\$229,817		
203	Apr-20	\$229,817	\$130,280	\$ 134,978		(\$4,698)	\$225,118		
204	May-20	\$225,118	\$123,868	\$ 132,482		(\$8,614)	\$216,505		
205	Jun-20	\$216,505	\$123,744	\$ 139,335		(\$15,591)	\$200,913		
206	Jul-20	\$200,913	\$158,012	\$ 157,193		\$819	\$201,732		
207	Aug-20	\$201,732	\$196,369	\$ 173,658		\$22,711	\$224,443		
208	Sep-20	\$224,443	\$155,996	\$ 170,823		(\$14,827)	\$209,615		
209	Oct-20	\$209,615	\$130,163	\$ 145,660		(\$15,497)	\$194,118		
210	Nov-20	\$194,118	\$127,446	\$ 142,511		(\$15,065)	\$179,053		
211	Dec-20	\$179,053	\$131,920	\$ 133,364		(\$1,444)	\$177,608		
212									
213		Period Cumulative Over/(Under) collection					(\$32,772)		
214									
215	Forecast cumulative Over/(Under) Collection at 12/31/2020						\$177,608		
216	Transmission Charge								
217		<u>Start Bal</u>	<u>Revenue</u>	<u>Expense</u>		<u>Monthly</u>	<u>Cumulative</u>		
218	Jan-21	\$177,608	\$159,606	\$ 167,690		(\$8,085)	\$169,523		
219	Feb-21	\$169,523	\$178,052	\$ 154,220		\$23,833	\$193,356		
220	Mar-21	\$193,356	\$160,547	\$ 180,230		(\$19,683)	\$173,673		
221	Apr-21	\$173,673	\$154,938	\$ 159,386		(\$4,448)	\$169,225		
222	May-21	\$169,225	\$135,801	\$ 147,214		(\$11,413)	\$157,811		
223	Jun-21	\$157,811	\$151,559	\$ 154,891		(\$3,333)	\$154,479		
224	Jul-21	\$154,479	\$186,202	\$ 190,516		(\$4,314)	\$150,164		
225	Aug-21	\$150,164	\$186,294	\$ 169,355		\$16,939	\$167,104		
226	Sep-21	\$167,104	\$194,113	\$ 195,077		(\$963)	\$166,140		
227	Oct-21	\$166,140	\$155,009	\$ 165,059		(\$10,050)	\$156,090		
228	Nov-21	\$156,090	\$146,287	\$ 163,274		(\$16,987)	\$139,103	Estimate	
229	Dec-21	\$139,103	\$153,435	\$ 185,291		(\$31,856)	\$107,247	Estimate	
230									
231		Period Cumulative Over/(Under) collection					(\$70,361)		
232									
233	Forecast cumulative Over/(Under) Collection at 12/31/2021						\$107,247		

	A	B	C	D	E	F	G	H	I	J	K	L	M
131	Summary of Energy Sales to Customers Fiscal Year 2019												
132			2019		2018		2017			3-Year Average	Schedule E		
133	January		4,752		5,274		4,911			4,979			
134	February		4,866		4,945		4,758			4,856			
135	March		4,422		4,339		4,452			4,404			
136	April		4,157		4,371		4,513			4,347			
137	May		3,834		3,892		3,782			3,836			
138	June		4,086		4,039		4,216			4,114			
139	July		4,622		5,015		5,068			4,902			
140	August		5,723		5,774		4,928			5,475			
141	September		4,946		5,434		4,799			5,060			
142	October		3,990		4,197		4,377			4,188			
143	November		4,099		4,287		4,126			4,171			
144	December		4,434		4,648		4,682			4,588			
145			53,932		56,215		54,612			54,920			
146	Negative Growth Factor									0			
147			54,920		4781.599								
148													
149	Summary of Energy Sales to Customers Fiscal Year 2020												
150			2020		2019		2018			1 Year Average			
151	January		4,746		4,752		5,274			4,746			
152	February		4,583		4,866		4,945			4,583			
153	March		4,102		4,422		4,339			4,102			
154	April		4,110		4,157		4,371			4,110			
155	May		3,908		3,834		3,892			3,908			
156	June		3,904		4,086		4,039			3,904			
157	July		4,985		4,622		5,015			4,985			
158	August		6,195		5,723		5,774			6,195			
159	September		4,921		4,946		5,434			4,921			
160	October		4,106		3,990		4,197			4,106			
161	November		4,020		4,099		4,287			4,020			
162	December		4,162		4,434		4,648			4,434			
163			53,742		53,932		56,215			54,013			
164	Negative Growth Factor									0			
165										54,013	Forecasted		
166													
167	Summary of Energy Sales to Customers Fiscal Year 2021												
168			2021		2020		2019			3 year average		1 Year Average	
169	January		4,866		4,746		4,752			4,788	Divided by 3	4,866	
170	February		4,856		4,583		4,866			4,768	"	4,856	
171	March		4,354		4,102		4,422			4,293	"	4,354	
172	April		4,202		4,110		4,157			4,156	"	4,202	
173	May		3,683		3,908		3,834			3,808	"	3,683	
174	June		4,111		3,904		4,086			4,034	"	4,111	
175	July		5,050		4,985		4,622			4,886	"	5,050	
176	August		5,053		6,195		5,723			5,657	"	5,053	
177	September		5,265		4,921		4,946			5,044	"	5,265	
178	October		4,204		4,106		3,990			4,100	"	4,204	
179	November		3,968		4,020		4,099			4,029	"	3,968	
180	December	est			4,162		4,434			4,298	Divided by 2	4,162	
181			49,612		53,742		53,932			53,861		53,774	
182	Negative Growth Factor									0		0	
183										53,861		53,774	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	Pascoag Utility District																		
	Forecast Purchased Power Costs (1)																		
	Jan 2022	Feb 2022	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022	Sept 2022	Oct 2022	Nov 2022	Dec 2022	Forecast						
	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)	(MWH)
	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
1	Resources																		
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Please see Energy New England Bulk Power Cost Projections, Schedule G-1 to G-13

The total for Seabrook (Project 6) include any Surplus Fund Credit.

(1)

(2)

(3)

(4)

(5)

(6)

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(12)

(13)

(14)

(15)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
71																			
72																			
73																			
74																			
75																			
76	Annual Identified MMWEC Cost (t)																		
77	Monthly Assessment	\$																	
78	Less Cumulative Carry Over	\$	\$0.00																
79	Restated Transition Cost																		
80																			
81	Transmission																		
82	Net Transmission	\$	181,855	\$	192,450	\$	172,807	\$	172,421	\$	209,238	\$	190,682	\$	198,964	\$	204,694	\$	167,169
83		\$	181,855	\$	192,450	\$	172,807	\$	172,421	\$	209,238	\$	190,682	\$	198,964	\$	204,694	\$	167,169
84																			
85	Restated Costs (Dollars) - Power Supply Service																		
86	INPA Firm	\$	8,420	\$	8,296	\$	8,685	\$	8,228	\$	8,395	\$	8,594	\$	8,867	\$	8,590	\$	7,949
87	INPA - Peak	\$	370	\$	366	\$	369	\$	370	\$	369	\$	370	\$	370	\$	369	\$	370
88	Miller Hydro	\$	7,011	\$	6,649	\$	8,238	\$	8,760	\$	4,589	\$	4,761	\$	2,966	\$	2,155	\$	3,793
89	NextEra RISE Energy Purchase	\$	28,099	\$	26,088	\$	28,099	\$	28,099	\$	28,455	\$	28,155	\$	28,155	\$	28,455	\$	28,155
90	FCM Payments by LP	\$	(12,359)	\$	(12,359)	\$	(12,359)	\$	(12,359)	\$	(12,359)	\$	(12,359)	\$	(12,359)	\$	(12,359)	\$	(12,359)
91	ISO FCM Costs	\$	94,100	\$	94,100	\$	94,100	\$	94,100	\$	94,100	\$	94,100	\$	94,100	\$	94,100	\$	94,100
92	Spence Mnt.	\$	16,620	\$	7,273	\$	12,874	\$	12,208	\$	10,502	\$	8,440	\$	9,429	\$	10,705	\$	15,315
93	REC Quarterly credit	\$	(984)	\$	(984)	\$	(984)	\$	(984)	\$	(984)	\$	(984)	\$	(984)	\$	(984)	\$	(984)
94	HQ Fixed Cost	\$	2,510	\$	2,510	\$	2,510	\$	2,510	\$	2,510	\$	2,510	\$	2,510	\$	2,510	\$	2,510
95	NextEra RISE Capacity Purchase	\$	56,159	\$	44,338	\$	37,565	\$	18,042	\$	47,109	\$	87,054	\$	87,821	\$	57,309	\$	36,113
96	PAEG "Bal Power"	\$	25,355	\$	24,910	\$	25,207	\$	25,355	\$	25,207	\$	25,355	\$	25,207	\$	25,355	\$	25,207
97	Project 6 (non billing)	\$	100	\$	100	\$	100	\$	100	\$	100	\$	100	\$	100	\$	100	\$	100
98	Service Billing	\$	14,341	\$	11,967	\$	3,170	\$	\$2,162	\$	3,261	\$	1,265	\$	5,294	\$	2,650	\$	1,842
99	ISO Energy Net Interchange	\$	5,583	\$	5,583	\$	5,583	\$	5,583	\$	5,583	\$	5,583	\$	5,583	\$	5,583	\$	5,583
100	ISO Annual Fee	\$	31	\$	2,862	\$	2,862	\$	2,862	\$	2,862	\$	2,862	\$	2,862	\$	2,862	\$	2,862
101	ISO Load Based Charges	\$	4,677	\$	9,153	\$	8,642	\$	9,461	\$	8,567	\$	10,948	\$	10,084	\$	9,440	\$	8,775
102	ISO Scheduled Charges	\$	14,548	\$	8,384	\$	15,576	\$	11,109	\$	7,587	\$	6,333	\$	6,348	\$	6,313	\$	11,700
103	Canton Wind Purchase	\$	15,974	\$	14,428	\$	15,952	\$	15,458	\$	15,458	\$	15,974	\$	15,974	\$	15,458	\$	15,974
104	NextEra Purchase	\$	7,986	\$	7,977	\$	7,986	\$	7,986	\$	7,983	\$	7,986	\$	7,983	\$	7,983	\$	7,986
105	ENE Expenses	\$	29,985	\$	25,851	\$	27,960	\$	20,814	\$	16,204	\$	42,483	\$	32,314	\$	16,822	\$	21,574
106	Shell Purchases	\$	7,842	\$	7,842	\$	7,842	\$	7,842	\$	7,842	\$	7,842	\$	7,842	\$	7,842	\$	7,842
107	Constant Energy Capital	\$	16,541	\$	8,616	\$	17,738	\$	20,119	\$	19,705	\$	11,672	\$	10,054	\$	8,335	\$	13,806
108	Cabot /Turner Purchases	\$	342,910	\$	298,466	\$	316,108	\$	285,582	\$	252,556	\$	332,637	\$	293,147	\$	271,764	\$	272,612
109	Cabot /Turner Rec Sales	\$	(3,300)	\$	(3,300)	\$	(3,300)	\$	(3,300)	\$	(3,300)	\$	(3,300)	\$	(3,300)	\$	(3,300)	\$	(3,300)
110	Sub-Total	\$	339,610	\$	295,166	\$	312,808	\$	282,282	\$	285,600	\$	269,312	\$	269,312	\$	269,312	\$	269,312
111	Restated Costs:	\$	181,855	\$	192,450	\$	172,807	\$	172,421	\$	209,238	\$	190,682	\$	198,964	\$	204,694	\$	167,169
112	Transition	\$	339,610	\$	295,166	\$	312,808	\$	282,282	\$	285,600	\$	269,312	\$	269,312	\$	269,312	\$	269,312
113	Power Supply	\$	521,465	\$	487,616	\$	505,101	\$	458,090	\$	458,001	\$	538,574	\$	480,529	\$	467,428	\$	463,199
114	Total Restated Costs	\$	521,465	\$	487,616	\$	505,101	\$	458,090	\$	458,001	\$	538,574	\$	480,529	\$	467,428	\$	463,199
115																			
116	Actual Sales Previous Period (4)	\$	4,866	\$	4,856	\$	4,354	\$	3,683	\$	4,111	\$	5,050	\$	5,053	\$	5,265	\$	4,204
117	124% Growth Factor																		
118	Estimated Sales 2022 (5)	\$	4,866	\$	4,856	\$	4,354	\$	3,683	\$	4,111	\$	5,050	\$	5,053	\$	5,265	\$	4,204
119																			
120																			
121																			
122																			
123																			
124																			
125																			
126																			
127																			
128																			
129	Transmission	\$	37,38	\$	39,63	\$	44,16	\$	41,36	\$	46,80	\$	41,43	\$	37,74	\$	37,76	\$	48,69
130	Power Supply Service	\$	69,80	\$	60,79	\$	71,84	\$	67,17	\$	69,47	\$	65,21	\$	57,36	\$	50,99	\$	64,06
131	Total	\$	107,17	\$	100,42	\$	116,00	\$	108,53	\$	116,27	\$	106,64	\$	95,10	\$	88,78	\$	112,75
132																			
133	(3) From Pascoag's Audited Financial Statements, FY ending 12/31/2019; Contingent Liability - MMWEC Footnote, Page 37. For 2021, the total annual cost is \$0.00																		
134	(4) From Schedule E - One year average from 2021 (Except where noted: Oct-December uses two-year actual average from 2020)																		
135	(5) Is the sum of the one year average from 2021 (Jan- Oct) and one year average from 2019 for Oct- Dec with no anticipated growth positive (negative).																		
136	(7) Indicates Transmission Charges																		
137																			
138																			

Forecast Rates

Transmission Cost Calculations:

Estimated Sales (MWH) to customers	53,774	See Schedule F-2, Line 126
Forecast Transmission Cost	\$2,212,309	See Schedule F-2, line 83
Historic Transmission Revenue	(\$1,961,842)	See Schedule A-3, Line 157
Historic Transmission Expense	\$ 2,032,203	See Schedule A-2, Line 82
Carry over from prior period (12/31/2020)	(\$177,608)	See Schedule C-4, Line 215
Total	\$2,105,062	

Cost per MWH \$ **39.15** **Transmission Charge**

Power Supply Calculation:

Estimated Sales (MWH) to customers	53,774	See Schedule F-2, Line 126
Forecast Power Supply Service	\$3,486,640	See Schedule F-2, line 119
Historic Power Supply Revenue	(\$3,389,632)	See Schedule A-3, Line 156
Historic Power Supply Expense	\$ 3,543,018	See Schedule A-2, Line 123
Carry over from prior period (12/31/2020)	(\$170,927)	See Schedule C-2, Line 220
Total	\$3,469,100	

Cost per MWH \$ **64.51** **Power Supply Service**

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

Purchase Power Reserve Fund Credit

Estimated Sale (MWH) to customers	53,774	See Schedule F-2, Line 126
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Total Flow back for 2021 \$ **(64,899.87)**

Cost Per MWH \$ **(1.21)** **Purchase Power Reserve Fund Credit**

(2) this is the net amount including the PPRFC

Total \$ 102.46

Revenue/Expense Proof:

Forecast Transmission Cost	\$ -		
Over/Under Collection at period end	\$ 2,212,309	See Schedule F-2, line 83	
	\$ (107,247)	Schedule C-4, Line 233	
	\$ 2,105,062		\$ 39.15
Forecast Power Supply Cost	\$ 3,486,640	See Schedule F-2, line 118	
Over/Under Collection at period end	\$ (17,540)	Schedule C-2, Line 238	
	\$ 3,469,100		
			\$ 64.51
Purchase Power Reserve Fund Credit	\$ (64,899.87)		\$ (1.21)
			\$ <u><u>102.46</u></u>



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

Testimony Exhibit HJY 3.3 & 7.3

S c h e d u l e H-1

Column 1		Column 2	
Approved Rate December 2020 (For 2021)		Proposed Rates Power Supply Service, Transmission, and PPRFC for 2022	
	Unit Cost	Unit Cost	Total
Customer Charge	\$ 6.00		\$ 6.00
Distribution	\$ 0.03922	\$ 0.03922	\$ 19.61
Transition	\$ -		
Power Supply	\$ 0.06273	\$ 0.06451	\$ 32.26
Transmission	\$ 0.03687	\$ 0.03915	\$ 19.57
DSM/ Renewables	\$ 0.00230	\$ 0.00230	\$ 1.15
PPRFC	\$ (0.00129)	\$ (0.00121)	\$ (0.61)
Total	\$ 75.92		\$ 77.98
Net Increase/(Decrease)	\$ 1.29		\$ 2.07
Percent Increase/(Decrease)	1.7%		2.7% for Year end Status Report
Transition	\$ -		Increase/(decrease) \$ -
Power Supply	\$ 0.06273	\$ 0.06451	\$ 0.00178
PPRFC	\$ (0.00129)	\$ (0.00121)	\$ 0.00008
Transmission	\$ 0.03687	\$ 0.03915	\$ 0.00228
Total	\$ 0.09831	\$ 0.10245	\$ 0.00414

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

S c h e d u l e H-2

Column 1		Column 2	
Approved Rate December 2020 (For 2021)		Proposed Rates for 2022 including COS Distribution	
	Unit Cost	Unit Cost	Total
Customer Charge	\$ 6.00		\$ 6.00
Distribution	\$ 0.03922	\$ 0.04558	\$ 22.79
Transition	\$ -		
Power Supply	\$ 0.06273	\$ 0.06451	\$ 32.26
Transmission	\$ 0.03687	\$ 0.03915	\$ 19.57
DSM/ Renewables	\$ 0.00230	\$ 0.00230	\$ 1.15
PPRFC	\$ (0.00129)	\$ (0.00121)	\$ (0.61)
Total	\$ 75.92		\$ 81.16
Net Increase/(Decrease)	\$ 1.29		\$ 5.25
Percent Increase/(Decrease)	1.7%		6.9% with Divisions proposed distribution rate
Transition	\$ -		Increase/(decrease)
Power Supply	\$ 0.06273	\$ 0.06451	\$ 0.00178
PPRFC	\$ (0.00129)	\$ (0.00121)	\$ 0.00008
Transmission	\$ 0.03687	\$ 0.03915	\$ 0.00228
Distribution	\$ 0.03922	\$ 0.04558	\$ 0.00636
Total	\$ 0.13753	\$ 0.14803	\$ 0.01050