

# McElroy & Donaldson

Michael R. McElroy  
Leah J. Donaldson

Attorneys at Law

Michael@McElroyLawOffice.com  
Leah@McElroyLawOffice.com

Members of the Rhode Island  
and Massachusetts Bars

Office: 21 Dryden Lane  
Providence, RI 02904  
Mail: 3 Cedar Meadows Drive  
Smithfield, RI 02917

(401) 351-4100  
fax (401) 421-5696

April 20, 2022

Luly E. Massaro, Clerk  
Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**Re: Block Island Utility District d/b/a Block Island Power Company  
Annual Recalculation of Last Resort and Transmission Charges – Docket 5245**

Dear Luly:

As you know, our office represents Block Island Utility District (“BIUD”).

Enclosed for filing in this matter please find BIUD’s responses to the Commission’s First Set of Data Requests Directed to BIUD. An original and five (5) copies are enclosed.

In addition, we are providing electronic copies of Mr. Bebyn’s schedules in excel spreadsheets via email only.

If you need any further information, please do not hesitate to contact me.

Very truly yours,

  
Leah J. Donaldson

Cc: Service List (via electronic mail)

STATE OF RHODE ISLAND  
PUBLIC UTILITIES COMMISSION

IN RE: BLOCK ISLAND UTILITY DISTRICT :  
ANNUAL RECONCILIATION OF LAST RESORT : DOCKET NO. 5245  
SERVICE AND TRANSMISSION EXPENSE :

COMMISSION'S FIRST SET OF DATA REQUESTS  
DIRECTED TO BLOCK ISLAND UTILITY DISTRICT (BIUD)  
(Issued April 6, 2022)  
(Please respond by April 20, 2022)

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- 1-1. Please provide all of Mr. Bebyn's schedules in live excel spreadsheets with all formulas intact.

Response: The schedules are broken down into two excel files, "Dkt. 5245--Apr 2022 recon attachment 1-4" and "Dkt. 5245--Apr 2022 recon attachment 5-16," which have been included with the electronic copy of the response to this data request.

Prepared by: David G Bebyn, CPA.

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- 1-2. Why has BIUD chosen to use a two-year forecast of deliveries rather than a three-year forecast of deliveries?

Response: When analyzing the three-year forecast, I noticed that deliveries trend up from the year ending April 2020. However, I knew that some of this trend related to the impact of COVID restrictions being imposed during the first half of 2020, which covers the years ending April 2020 and 2021. Seeing that the three-year average would have resulted in a forecast year similar to the year ending April 2021 which included May 2020, I believed that using the three-year average would underestimate the deliveries, leading to over-collections. I ruled out just using the current period since the sales after August seemed to flatten out from the prior year. If the recent year's summer resulted from weather fluctuations, then using the current year ending April 2022 would overestimate the deliveries, leading to under-collections. BIUD does not have a Purchase Power Reserve account, so the conservative approach was to set the forecast with a two-year average.

Prepared by: David G Bebyn, CPA.

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- 1-3. Does BIUD agree there appears to be an upward trend in annual kWh sales over the past three years? If so, to what does BIUD attribute this annual trend? If appropriate, address any monthly trends relevant to the annual trend.

Response: The BIUD does agree that there appears to be an upward trend in annual kWh sales over the past three years. The response to PUC 1-2 covers what BIUD attributes to this trend. BIUD does not believe that trend will continue as it appears to stall after August 2021. Furthermore, the most recent month of March shows that sales have flattened. The actual March 2022 has come in lower than the estimate using March 2021.

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- 1-4. Please explain how BIUD's supply portfolio accounts for the apparent increasing trend in sales.

Response:

Part of BIUD supply portfolio is from a load following contract so a portion of the load growth will be covered by this contract. However, the percentages were based on a lower annual kWh sales forecast thus leaving BIUD with a short hedged of MWh. BUID can look to pick up additional MWh to cover this shortfall.

Prepared by: Jeffery M. Wright and Ken Stambler (ENE)

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- 1-5. Will the voltage conversion taking place this spring have any effect on line losses or power quality? Please explain, including any projected decreases to line losses. Please explain whether the voltage conversion should have any impact on BIUD's wholesale purchases of energy.

Response: Phase One of the system-wide voltage conversion project is scheduled to be completed on April 21, 2022. We estimate that approximately half of our summertime load will be converted in Phase One (includes all of the Old and New Harbor Circuit load). We do expect a reduction in system losses as a result. Our engineers are estimating that we may notice up to a 2% reduction in losses.

System losses averaged 12.9% during the years following the connection to the mainland cable. Losses were generally in the 13-14% range prior to that. We expect losses to drop to possibly 10% after the Phase One conversion.

This will directly reduce BIUD's wholesale power purchases of energy.

Prepared by: Jeffery M. Wright

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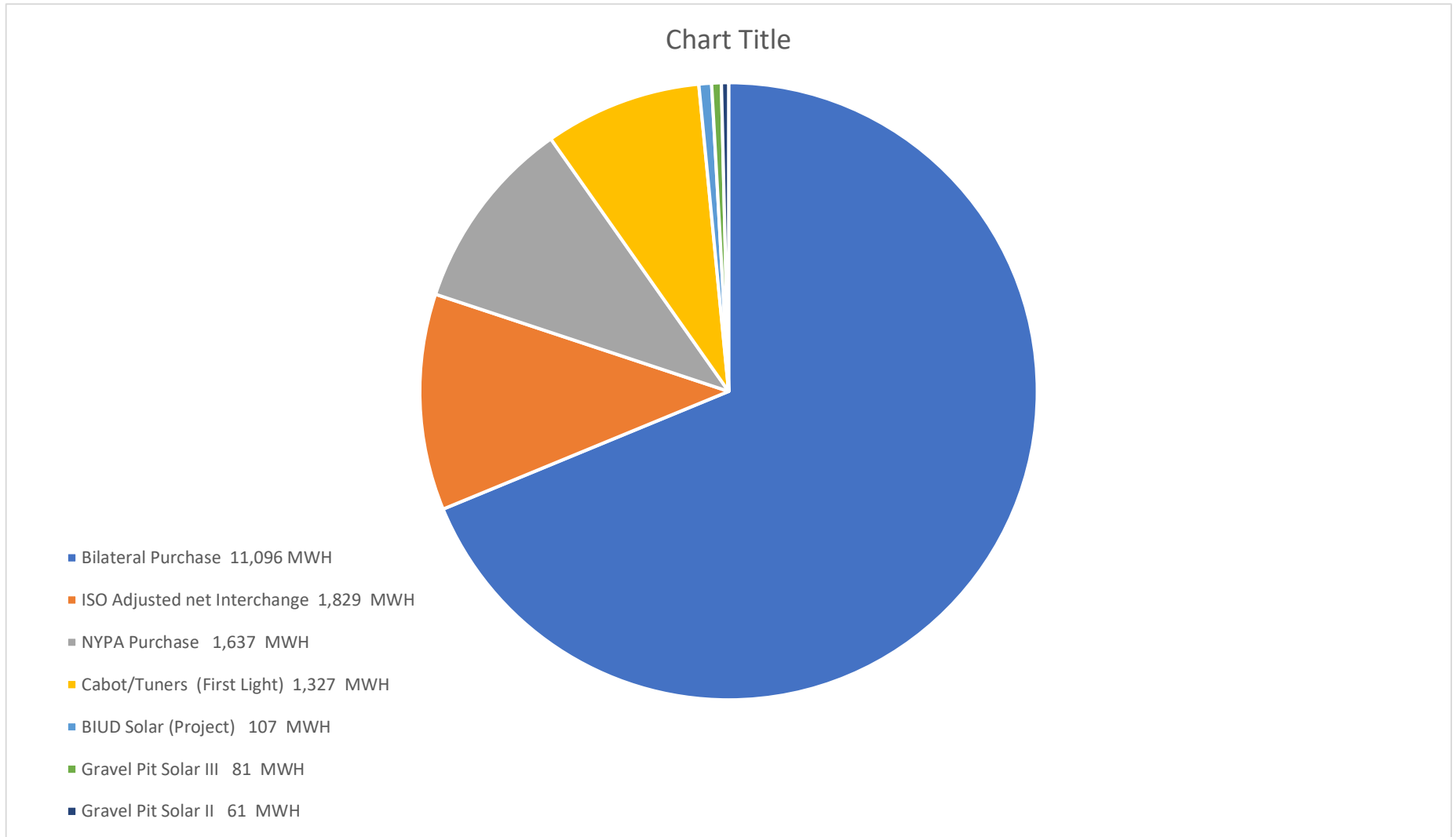
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- 1-6. Please provide a graph (pie chart) of BIUD's energy supply portfolio showing the percentages of each supply source or contract and the assumed kWh purchases from each.

Response: See Attached.

Prepared by: David G Bebyn, CPA

### Energy supply profolio





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- 1-7. If any of the supply sources or contracts are delayed or canceled, how will BIUD make up the difference? What is the expected average replacement cost per MWh for replacement power for each month of the period June 1, 2022 through May 31, 2023?

Response:

Currently, both the Gravel Pit II and III PPAs are expected to be delayed past their Commercial Operation Date of January 15, 2023 and December 31, 2022 respectively. Below is the approximate MWh and the current replacement cost.

Month	MWh	% of Load	Replacement Cost
Dec – 22	3.33	0.3	\$185.93
Jan – 23	22.05	2.1	\$226.12
Feb - 23	29.22	3.3	\$226.25
Mar - 23	40.87	4.4	\$116.12
Apr – 23	50.88	5.8	\$59.15
May – 23	45.26	4.3	\$49.05

*Replacement cost is based on the Sunday through Saturday Hour Ending 0800 through Hour Ending 2300.*

Prepared by: Jeffery M. Wright and Ken Stambler (ENE)

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- 1-8. Referencing item number 3 on page 5 of Mr. Bebyn's pre-filed testimony, please clarify whether the energy purchased from BIUD's rooftop solar project will be purchased at a rate equal to the sum of the prior year's Standard Offer and Transmission rates, or the new generation credit rate approved by the Commission in Docket No. 5192.

Response: Historically, BIUD has used a rate equal to the sum of the prior year's Standard Offer and Transmission rates. BIUD agrees that the more appropriate rate would be to use the new generation credit rate approved by the Commission in Docket No. 5192. Using that rate (\$0.1260 per kWh), I have prepared a revised Attachment-1 which shows the updated energy purchase cost. The impact of using the generation credit rate approved by the Commission in Docket No. 5192 would be reduced to \$0.0003 per kWh. See revised schedule DGB-1, which reflects this adjustment.

It should also be noted that Docket No. 5192 established the methodology for calculating the generation credit rate. The rate in Docket No. 5192 was calculated using the approved Last Resort/Transmission charge from Docket No. 5141. This Docket (Docket 5245) has estimated the new Last Resort/Transmission charge and a generation credit rate based on the updated Last Resort/Transmission charge. The new generation credit rate is presented on the bottom half of Schedule DGB-1.

Prepared by: David G Bebyn, CPA.

Forecast Purchase  
Power Costs  
Block Island Power Company

## Attachment 1

2022 Reconciliation  
12 month Recalculation for  
Rates Effective June 1, 2022

## Purchase Power Projections

	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Totals
Load (Energy Purchased)	1,052	1,477	2,525	2,647	1,642	1,077	958	995	1,070	876	937	882	16,138 *
<b>MWH</b>													
Bilateral Purchase	621	1,152	1,969	2,065	1,281	635	565	587	631	517	553	520	11,096
NYPA Purchase	128	136	144	156	144	133	125	117	137	131	139	146	1,637
BIUD Solar (Project)	14	15	10	10	9	8	6	3	4	6	10	12	107
Gravel Pit Solar II	-	-	-	-	-	-	-	-	10	12	17	21	61
Gravel Pit Solar III	-	-	-	-	-	-	-	-	12	16	24	30	81
Cabot/Tuners (First Light)	161	124	95	81	67	113	134	141	100	79	108	123	1,327
ISO Adjusted net Interchange	127	50	306	335	140	188	127	147	176	114	87	30	1,829
<b>Total Net Purchases MWH</b>	<b>1,052</b>	<b>1,477</b>	<b>2,525</b>	<b>2,647</b>	<b>1,642</b>	<b>1,077</b>	<b>958</b>	<b>995</b>	<b>1,070</b>	<b>876</b>	<b>937</b>	<b>882</b>	<b>16,138</b>

## Energy Costs See Attachment-3

Shell	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90
<b>py BIUD SO rate</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>	<b>\$ 126.00</b>
Bilateral Purchase	\$ 30,964	\$ 57,480	\$ 98,271	\$ 103,036	\$ 63,897	\$ 31,702	\$ 28,205	\$ 29,292	\$ 31,506	\$ 25,797	\$ 27,587	\$ 25,972	\$ 553,709
NYPA Purchase	\$ 632	\$ 668	\$ 710	\$ 769	\$ 711	\$ 655	\$ 617	\$ 573	\$ 673	\$ 646	\$ 682	\$ 717	\$ 8,052
BIUD Solar (Project)	\$ 1,764	\$ 1,890	\$ 1,260	\$ 1,260	\$ 1,179	\$ 952	\$ 756	\$ 378	\$ 504	\$ 788	\$ 1,260	\$ 1,512	\$ 13,503
Gravel Pit Solar II	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 518	\$ 644	\$ 917	\$ 1,127	\$ 3,206
Gravel Pit Solar III	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 637	\$ 834	\$ 1,224	\$ 1,537	\$ 4,232
Cabot/Tuners (First Light)	\$ 6,864	\$ 5,291	\$ 4,067	\$ 3,502	\$ 2,901	\$ 4,811	\$ 5,715	\$ 5,963	\$ 4,536	\$ 3,593	\$ 4,862	\$ 5,430	\$ 57,536
Cabot/Tuners REC	\$ -	\$ -	\$ -	\$ -	\$ (1,931)	\$ -	\$ -	\$ (2,260)	\$ -	\$ -	\$ (1,217)	\$ -	\$ (5,409)
ISO Net Position	\$ 5,284	\$ 2,219	\$ 16,757	\$ 19,131	\$ 6,284	\$ 9,401	\$ 9,837	\$ 23,308	\$ 32,067	\$ 20,544	\$ 8,302	\$ 1,023	\$ 154,156
<b>Total Energy Costs</b>	<b>\$ 45,507</b>	<b>\$ 67,549</b>	<b>\$ 121,064</b>	<b>\$ 127,697</b>	<b>\$ 73,041</b>	<b>\$ 47,520</b>	<b>\$ 45,130</b>	<b>\$ 57,254</b>	<b>\$ 70,441</b>	<b>\$ 52,847</b>	<b>\$ 43,616</b>	<b>\$ 37,319</b>	<b>\$ 788,986</b>

## Capacity/Other Costs

ISO FCM Charges net of NYPA CAP credit	\$ 34,984	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 261,571
NYPA Fixed Costs	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 15,189
ISO Ancillary/Schedule Charges	\$ 3,905	\$ 5,483	\$ 9,375	\$ 9,829	\$ 6,096	\$ 3,998	\$ 3,557	\$ 3,694	\$ 4,073	\$ 3,335	\$ 3,566	\$ 3,357	\$ 60,269
ISO Annual Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500	\$ -	\$ -	\$ -	\$ 500
Projected ENE Fees	\$ 6,000	\$ 7,100	\$ 9,000	\$ 9,000	\$ 7,500	\$ 6,000	\$ 5,700	\$ 5,800	\$ 7,100	\$ 7,100	\$ 7,100	\$ 7,100	\$ 84,500
<b>Total Capacity/Other Costs</b>	<b>\$ 46,155</b>	<b>\$ 34,448</b>	<b>\$ 40,239</b>	<b>\$ 40,694</b>	<b>\$ 35,460</b>	<b>\$ 31,863</b>	<b>\$ 31,122</b>	<b>\$ 31,359</b>	<b>\$ 33,537</b>	<b>\$ 32,299</b>	<b>\$ 32,531</b>	<b>\$ 32,322</b>	<b>\$ 422,029</b>

## Transmission Costs

ISO Transmission Charges	\$ 20,330	\$ 28,332	\$ 48,122	\$ 59,310	\$ 62,680	\$ 48,710	\$ 25,464	\$ 20,648	\$ 23,050	\$ 27,634	\$ 23,894	\$ 23,595	\$ 411,769
NYPA Transmission Costs	\$ 1,733	\$ 2,280	\$ 2,256	\$ 1,924	\$ 1,656	\$ 1,800	\$ 1,773	\$ 2,921	\$ 3,744	\$ 3,505	\$ 2,825	\$ 2,568	\$ 28,985
National Grid Connection													
DAF Charges	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 338,136
National Grid Cable													
Surcharges	\$ 3,900	\$ 3,900	\$ 3,900	\$ 3,900	\$ 3,900	\$ 3,900	\$ 3,900	\$ 3,900	\$ 3,900	\$ 3,900	\$ 3,900	\$ 3,900	\$ 46,800
National Grid Transformer													
Surcharges	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 24,000
National Grid Meter													
Surcharge	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 775
National Grid Rolled in													
Distribution	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 159,000
National Grid PTF, Non-PTF													
and Load Dispatch Charges	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 63,300
<b>Total Transmission Costs</b>	<b>\$ 74,730</b>	<b>\$ 83,279</b>	<b>\$ 103,046</b>	<b>\$ 113,902</b>	<b>\$ 117,004</b>	<b>\$ 103,178</b>	<b>\$ 79,905</b>	<b>\$ 76,236</b>	<b>\$ 79,462</b>	<b>\$ 83,806</b>	<b>\$ 79,387</b>	<b>\$ 78,831</b>	<b>\$ 1,072,764</b>
<b>Total All-In Costs</b>	<b>\$ 166,392</b>	<b>\$ 185,276</b>	<b>\$ 264,350</b>	<b>\$ 282,293</b>	<b>\$ 225,505</b>	<b>\$ 182,560</b>	<b>\$ 156,157</b>	<b>\$ 164,850</b>	<b>\$ 183,440</b>	<b>\$ 168,952</b>	<b>\$ 155,533</b>	<b>\$ 148,472</b>	<b>\$ 2,283,779</b>

\* This line item represents the Purchased KWH.

The difference between this line item and the estimated kwh sales on DGB-2 represents the estimated KWH line losses &amp; KWH Plant Use.

Power Supply Service & Trans. Cost  
Rate Calculation  
Block Island Power Company

**Schedule DGB-1**  
**2022 Reconciliation**  
**12 month Recalculation for**  
**Rates Effective June 1, 2022**

**Power Supply Service**

Total Energy Costs	788,986	See Attachment-1	
Total Capacity/Other Costs	422,029	See Attachment-1	
Total Other Costs	-	See Attachment-2	
<b>Less Over Collections</b>			
April 2020 Reconciliation estimates to actual variance	22,980	See Attachment-5	
April 2021 Reconciliation (net of Reserve request)	<u>(1,635)</u>	See Schedule DGB-4	
Subtotal	<u>1,189,670</u>		
Subtotal to recover (No Gross Receipts Tax)	1,189,670	(A)	
Estimated Sales (MWH) to Customers	13,601	See Schedule DGB-2	
		Originally Filed	<b>Variance</b>
Cost per MWH	\$ 87.47	\$ 87.73	\$ (0.26)
Cost per KWH	\$ 0.0875	\$ 0.0877	\$ (0.0003)

**Transmission Charges**

Transmission costs	1,072,764	See Attachment-1	
<b>Less Over Collections</b>			
April 2020 Reconciliation estimates to actual variance	9,743	See Attachment-5	
April 2021 Reconciliation (net of Reserve request)	<u>65,746</u>	See Schedule DGB-4	
Subtotal	<u>997,275</u>		
Subtotal to recover (No Gross Receipts Tax)	997,275	(B)	
Estimated Sales (MWH) to Customers	13,601	See Schedule DGB-2	
		Originally Filed	<b>Variance</b>
Cost per MWH	\$ 73.32	\$ 73.32	\$ -
Cost per KWH	\$ 0.0733	\$ 0.0733	\$ -
<b>Total</b>			
Cost per MWH	\$ 160.79		
Cost per KWH	\$ 0.1608		

**Updated Net Metering rate based upon this filing**

	<u>Costs</u>	
Power Supply Costs	1,189,670	(A)
BIUD interconnection	-	See Attachment-2
Power Supply Service portion of Net Metering Credit	<u>1,189,670</u>	
Transmission Costs per Settlement Schedule-1	997,275	(B)
DAF Costs	(338,136)	See Attachment-1
BITS Costs	<u>(46,800)</u>	See Attachment-1
Transmission portion of Net Metering Credit	<u>612,339</u>	
Total Costs Assigned to Net Metering Credit	1,802,009	
Estimated Sales (MWH) to Customers	13,601	See Schedule DGB-2
Total Net Metering Credit per MWH	\$ 132.49	
Cost per KWH	\$ 0.1325	

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- 1-9. Please provide evidence supporting the estimated \$5,409 in REC sales revenue from the Cabot/Turners hydro project, as listed on page 5 of Mr. Bebyn's pre-filed testimony.

Response:

The estimate for the sales revenue is based on the estimated RECs Block Island will receive from the FirstLight Cabot and Turner Falls PPA. This PPA provides for Maine Class II RECs for each MWh of generation. For the fiscal year, May-22 through April 23, this PPA will mint approximately 1,082 Maine Class II RECs. We have used a conservative value for the Maine Class II RECs of \$5.00 per REC to calculate the above number.

Prepared by: Jeffery M. Wright and Ken Stambler (ENE)

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- 1-10. Please explain how BIUD estimated \$154,156 of ISO Net Position charges and provide supporting evidence/documentation. In your response, please explain the specific drivers of the increase in forecast ISO Net Position charges from \$23,951 in 2021 to \$154,156 in 2022.

Response:

A couple of factors caused the ISO Net Position charge to increase from \$23,951 to \$154,156. First is that the underlying energy prices have significantly increased from last year. At this time last year, forecasted forward electricity prices for May-21 through April-22 averaged a little more than \$38/MWh. Currently, the forecasted forward electricity prices for May-22 through April-23 are close to \$92/MWh. Compounding that is the fact, is that the load following contract BIUD has with Shell is a lower percentage to accommodate the intermittent renewable FirstLight PPA. This has resulted in certain times of the year, BUID is relying more on the spot ISO-NE market for its electricity.

Prepared by: David G Bebyn, CPA and Ken Stambler (ENE).

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- 1-11. On page 5 of his pre-filed testimony, Mr. Bebyn explains that the cost of the ISO Net Position charges has "increased substantially since BIUD's last filing due to increases prices of the energy market. BIUD is working with ENE to reduce exposure in the future winter months." Please explain these efforts to reduce wholesale exposure in greater detail.

Response:

The only way that BIUD can reduce its ISO Net Position is to procure more power in the bilateral market. With current prices in bilateral energy for this upcoming winter above \$200/MWh a decision needs to be made whether to lock up additional energy at these levels. We will need to evaluate the global and local energy market before making this decision. For point of reference, this past winter, prices averaged around \$135/MWh.

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- 1-12. Referencing Mr. Bebyn's pre-filed testimony on the anticipated transmission cable outage in late spring 2022 (page 3 of pre-filed testimony), please clarify the following:
- a. Mr. Bebyn writes "the \$50,000 will only cover an estimated one week of outage." Is that estimate based on fuel prices at the time that National Grid committed the \$50,000, current fuel prices, or a forecast fuel prices? Please explain.
  - b. What is BIUD doing to prepare for the outage? How much fuel does BIUD currently have on-hand?

Response:

- a) That estimated one week was based on fuel prices at the time National Grid had committed to the \$50,000. The hard estimate was closer to about ten days to a week depending on the week of April/May the work is performed. The amount that Grid negotiated was a hard \$50,000, which was not adjustable for current fuel prices. Based on current prices, along with the credit for savings of not having to purchase from Shell, the \$50,000 would last approximately five and half days. The cable outage took place last week. It started at 5:00 AM on Sunday April 10<sup>th</sup> and was restored at approximately 9:00 Am on Sunday April 17<sup>th</sup>. BIUD ran its new engine #27 for 173.2 hours. BIUD self-supplied 197,290.12 kWh while using 15,082 gallons of fuel. See David Bebyn's revised attachment 8 which details the cost.
- b) BIUD had 18,846 gallons of fuel on hand prior to the outage. Delivery of 10,001 gallons was made on Thursday April 15<sup>th</sup>. The remaining fuel on hand after the cable outage was 13,765.

Prepared by: David G Bebyn, CPA and Jeffery M. Wright



Actual Other Costs  
Block Island Power Company

**Attachment 8**  
2022 Reconciliation  
Twelve month Recalculation for  
Rates Effective June 1, 2022

	<b>Supporting documentation for these costs were provided in Oct 17 Reconciliation</b>	Amortization Period (years)	
Other Costs-BIPCo Interconnection	<u>\$ 273,254</u>	6	<u>\$ 45,542</u>
Other Costs-Fuel & Urea			\$ 9,044 See Attachment-16
			<u>\$ 54,586</u>

Gallons used during Grid Shut down	\$ 15,082	
replacement rate	\$ 4.40	
Cost of Fuel for shut down	\$ 66,361	
Credit for Savings on No shell purchase	\$ (8,073)	\$49.90/mWh
Net Cost for generation	\$ 58,288	
Grid Deposit	\$ (50,000)	
Cost recovery needed for Grid Project	\$ 8,288	
Fuel used during year	\$ 756	See Attachment-16
<b>Other Costs-Fuel &amp; Urea</b>	<b>\$ 9,044</b>	

Amortized Total Other Costs

	Load by Month		Interconnection	
	per Apr 2020		Total Cost by	12 month May
	Reconciliation	% per month	Month	20-Apr22
May-20	1,090	7.14%	\$ 3,898	\$ 3,898
Jun-20	1,447	9.48%	\$ 5,174	\$ 5,174
Jul-20	2,415	15.82%	\$ 8,636	\$ 8,636
Aug-20	2,560	16.77%	\$ 9,154	\$ 9,154
Sep-20	1,539	10.08%	\$ 5,503	\$ 5,503
Oct-20	1,025	6.71%	\$ 3,665	\$ 3,665
Nov-20	891	5.84%	\$ 3,186	\$ 3,186
Dec-20	886	5.80%	\$ 3,168	\$ 3,168
Jan-21	955	6.26%	\$ 3,415	\$ 3,415
Feb-21	770	5.04%	\$ 2,753	\$ 2,753
Mar-21	856	5.61%	\$ 3,061	\$ 3,061
Apr-21	831	5.44%	\$ 2,972	\$ 2,972
<b>Totals</b>	<u><b>15,265</b></u>	<u><b>100.00%</b></u>	<u><b>\$ 54,586</b></u>	<u><b>\$ 54,586</b></u>

STATE OF RHODE ISLAND  
PUBLIC UTILITIES COMMISSION

IN RE: BLOCK ISLAND UTILITY DISTRICT :  
ANNUAL RECONCILIATION OF LAST RESORT : DOCKET NO. 5245  
SERVICE AND TRANSMISSION EXPENSE :

COMMISSION'S FIRST SET OF DATA REQUESTS  
DIRECTED TO BLOCK ISLAND UTILITY DISTRICT (BIUD)  
(Issued April 6, 2022)  
(Please respond by April 20, 2022)

---

- 1-13. Referencing the \$46,800 National Grid Cable Surcharges forecast included in Attachment 1, please clarify the following:
- a. Does this forecast reflect the amended FERC formula rate from Docket No. ER22-707-000?
  - b. Has BIUD received its refund yet? If so, does this forecast reflect the refunded value?

Response:

a) No. Please see the response to PUC 1-16a.

b) No.

Prepared by: David G Bebyn, CPA and Jeffery M. Wright

STATE OF RHODE ISLAND  
PUBLIC UTILITIES COMMISSION

IN RE: BLOCK ISLAND UTILITY DISTRICT :  
ANNUAL RECONCILIATION OF LAST RESORT : DOCKET NO. 5245  
SERVICE AND TRANSMISSION EXPENSE :

COMMISSION'S FIRST SET OF DATA REQUESTS  
DIRECTED TO BLOCK ISLAND UTILITY DISTRICT (BIUD)  
(Issued April 6, 2022)  
(Please respond by April 20, 2022)

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- 1-14. Have BIUD's air permits changed since the transition from 100% diesel generation to cable connected generation? If so, please explain. Will an extended outage on the island as a result of the cable re-burial have any impact on those air permits? Please explain.

Response: BIUD has not made any air permit changes since connecting the submarine cable. Our permit allows for the annual use of up to 500 hours of run time for each engine. Engine #27 did run for 173.2 hours which reduces the remaining run time. This did not otherwise affect any existing permitting.

Prepared by: Jeffery M. Wright

STATE OF RHODE ISLAND  
PUBLIC UTILITIES COMMISSION

IN RE: BLOCK ISLAND UTILITY DISTRICT :  
ANNUAL RECONCILIATION OF LAST RESORT : DOCKET NO. 5245  
SERVICE AND TRANSMISSION EXPENSE :

COMMISSION'S FIRST SET OF DATA REQUESTS  
DIRECTED TO BLOCK ISLAND UTILITY DISTRICT (BIUD)  
(Issued April 6, 2022)  
(Please respond by April 20, 2022)

---

1-15. Please update Schedule DGB-4 with actual March 2022 and April 2022 data.

Response: See attached.

Prepared by: David G Bebyn, CPA.

Reconciliation of  
Actual Revenue Generated from Prior Approved Rate vs  
Actual Costs-Total  
BIPCo

Schedule DGB-4  
page 1 of 3  
2022 Reconciliation

	April 2022 Reconciliation Over/(Under) Collection	Amount requested to be held back in Reserve	Over/(Under) Collection net of reserve	as filed	Variance
Power Supply Service - Only	\$ 1,986	\$ -	\$ 1,986	\$ (1,635)	\$ 3,621
Transmission Charges - Only	\$ 64,196	\$ -	\$ 64,196	\$ 65,746	\$ (1,550)
	<u>\$ 66,182</u>	<u>\$ -</u>	<u>\$ 66,182</u>	<u>\$ 64,111</u>	<u>\$ 2,071</u>

Reconciliation of  
Actual Revenue Generated from Prior Approved Rate vs  
Actual Costs-Total  
BIPCo

Schedule DGB-4  
page 2 of 3  
2022 Reconciliation

**POWER SUPPLY SERVICE - Only**

	Starting Balance	Revenue	Expense	Monthly Change	Cumulative
May-21	\$ 20,400	\$ 96,990	\$ 92,366	\$ 4,623	\$ 25,023
Jun-21	\$ 25,023	\$ 114,918	\$ 104,275	\$ 10,644	\$ 35,667
Jul-21	\$ 35,667	\$ 183,619	\$ 139,807	\$ 43,813	\$ 79,479
Aug-21	\$ 79,479	\$ 187,236	\$ 145,767	\$ 41,469	\$ 120,949
Sep-21	\$ 120,949	\$ 128,723	\$ 110,696	\$ 18,027	\$ 138,976
Oct-21	\$ 138,976	\$ 77,512	\$ 81,098	\$ (3,586)	\$ 135,389
Nov-21	\$ 135,389	\$ 63,766	\$ 79,702	\$ (15,936)	\$ 119,453
Dec-21	\$ 119,453	\$ 67,291	\$ 88,517	\$ (21,226)	\$ 98,227
Jan-22	\$ 98,227	\$ 78,682	\$ 104,269	\$ (25,587)	\$ 72,639
Feb-22	\$ 72,639	\$ 65,457	\$ 98,282	\$ (32,826)	\$ 39,814
Mar-22	\$ 39,814	\$ 66,022	\$ 88,436	\$ (22,414)	\$ 17,400
Apr-22 Est	\$ 17,400	\$ 66,359	\$ 81,773	\$ (15,414)	\$ 1,986
	Period Cumulative Over/(Under) Collection				\$ (18,414)

April 2021 Reconciliation Over/(Under) Collection	\$ 20,400	(12 Month Recon. 04/21)
Current Reconciliation Cumulative Over/(Under) Collection	\$ (18,414)	
April 2022 Reconciliation Over/(Under) Collection	\$ 1,986	

	Actual KWH (Attachment-4)	Standard Offer Rate (A)	Standard Offer Revenue	Attachment - 7		Attachment-8		Gross Receipts Tax	Total Expense
				Total Energy Costs	Capacity/ Other Costs	Total Other Costs	Total		
May-21	969,895	\$ 0.1000	\$ 96,990	\$ 37,271	\$ 51,789	\$ 3,306	\$ 92,366		
Jun-21	1,348,806	\$ 0.0852	\$ 114,918	\$ 50,818	\$ 49,067	\$ 4,389	\$ 104,275		
Jul-21	2,155,158	\$ 0.0852	\$ 183,619	\$ 125,563	\$ 6,919	\$ 7,325	\$ 139,807		
Aug-21	2,197,610	\$ 0.0852	\$ 187,236	\$ 83,668	\$ 54,335	\$ 7,764	\$ 145,767		
Sep-21	1,510,833	\$ 0.0852	\$ 128,723	\$ 55,677	\$ 50,351	\$ 4,668	\$ 110,696		
Oct-21	909,765	\$ 0.0852	\$ 77,512	\$ 37,298	\$ 40,692	\$ 3,109	\$ 81,098		
Nov-21	748,430	\$ 0.0852	\$ 63,766	\$ 35,284	\$ 41,715	\$ 2,702	\$ 79,702		
Dec-21	789,801	\$ 0.0852	\$ 67,291	\$ 38,255	\$ 47,575	\$ 2,687	\$ 88,517		
Jan-22	923,494	\$ 0.0852	\$ 78,682	\$ 39,496	\$ 61,877	\$ 2,896	\$ 104,269		
Feb-22	768,270	\$ 0.0852	\$ 65,457	\$ 35,141	\$ 60,806	\$ 2,335	\$ 98,282		
Mar-22	<b>774,904</b>	\$ 0.0852	\$ 66,022	\$ 35,440	\$ 50,400	\$ 2,596	\$ 88,436		
Apr-22 Est	778,866	\$ 0.0852	\$ 66,359	\$ 33,561	\$ 45,692	\$ 2,520	\$ 81,773		
	<u>13,875,832</u>		<u>\$ 1,196,575</u>				<u>\$ 1,214,989</u>		

(A) May 21 - Rates approved and effective 7-1-20 (Tweleve Month Recon. 4/20) Recon 4/21 had rates go into effect June 1 June 21 thru April 2022 - Rates approved and effective 6-1-21 (Recon. 4/21)

Reconciliation of  
Actual Revenue Generated from Prior Approved Rate vs  
Actual Costs-Total

**Transmission Charges - Only**

	Starting Balance	Revenue	Expense	BIPCo Monthly Change	Cumulative
May-21	\$ 73,774	\$ 86,903	\$ 81,703	\$ 5,199	\$ 78,973
Jun-21	\$ 78,973	\$ 99,812	\$ 103,139	\$ (3,328)	\$ 75,646
Jul-21	\$ 75,646	\$ 159,482	\$ 107,436	\$ 52,046	\$ 127,692
Aug-21	\$ 127,692	\$ 162,623	\$ 108,777	\$ 53,846	\$ 181,538
Sep-21	\$ 181,538	\$ 111,802	\$ 89,964	\$ 21,837	\$ 203,375
Oct-21	\$ 203,375	\$ 67,323	\$ 76,067	\$ (8,744)	\$ 194,631
Nov-21	\$ 194,631	\$ 55,384	\$ 80,968	\$ (25,584)	\$ 169,047
Dec-21	\$ 169,047	\$ 58,445	\$ 78,712	\$ (20,267)	\$ 148,780
Jan-22	\$ 148,780	\$ 68,339	\$ 82,765	\$ (14,427)	\$ 134,353
Feb-22	\$ 134,353	\$ 56,852	\$ 89,320	\$ (32,468)	\$ 101,885
Mar-22	\$ 101,885	\$ 57,343	\$ 76,193	\$ (18,850)	\$ 83,035
Apr-22 Est	\$ 83,035	\$ 57,636	\$ 76,475	\$ (18,839)	\$ 64,196
		Period Cumulative Over/(Under) Collection		\$ (9,578)	

April 2021 Reconciliation Over/(Under) Collection	\$ 73,774	(12 Month Recon. 04/21)
Current Reconciliation Cumulative Over/(Under) Collection	\$ (9,578)	
April 2022 Reconciliation Over/(Under) Collection	<u>\$ 64,196</u>	

**Attachment-7**

	Actual KWH (Attachment-4)	Transmission Charge Rate (A)	Transmission Charge Revenue	Total Energy Costs	Gross Receipts Tax	Total Expense
May-21	969,895	\$ 0.0896	\$ 86,903	\$ 81,703		\$ 81,703
Jun-21	1,348,806	\$ 0.0740	\$ 99,812	\$ 103,139		\$ 103,139
Jul-21	2,155,158	\$ 0.0740	\$ 159,482	\$ 107,436		\$ 107,436
Aug-21	2,197,610	\$ 0.0740	\$ 162,623	\$ 108,777		\$ 108,777
Sep-21	1,510,833	\$ 0.0740	\$ 111,802	\$ 89,964		\$ 89,964
Oct-21	909,765	\$ 0.0740	\$ 67,323	\$ 76,067		\$ 76,067
Nov-21	748,430	\$ 0.0740	\$ 55,384	\$ 80,968		\$ 80,968
Dec-21	789,801	\$ 0.0740	\$ 58,445	\$ 78,712		\$ 78,712
Jan-22	923,494	\$ 0.0740	\$ 68,339	\$ 82,765		\$ 82,765
Feb-22	768,270	\$ 0.0740	\$ 56,852	\$ 89,320		\$ 89,320
Mar-22	<b>774,904</b>	\$ 0.0740	\$ 57,343	\$ 76,193		\$ 76,193
Apr-22 Est	778,866	\$ 0.0740	\$ 57,636	\$ 76,475		\$ 76,475
	<u>13,875,832</u>		<u>\$ 1,041,942</u>			<u>\$ 1,051,520</u>

(A) May 21 - Rates approved and effective 7-1-20 (Twelve Month Recon. 4/20) Recon 4/21 had rates go into effect June 1 June 21 thru April 2022 - Rates approved and effective 6-1-21 (Recon. 4/21)

Actual Purchase Power Costs  
Block Island Power Company

Attachment 7  
2022 Reconciliation

Purchase Power Projections	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	
<b>Energy Costs</b>													
Bilateral Purchase	\$ 33,507	\$ 47,665	\$ 123,100	\$ 81,219	\$ 53,226	\$ 35,132	\$ 32,915	\$ 36,754	\$ 32,107	\$ 26,795	\$ 25,961	\$ 24,147	\$ 552,527
nypa	\$ 943	\$ 769	\$ 863	\$ 855	\$ 905	\$ 935	\$ 1,445	\$ 950	\$ 1,104	\$ 943	\$ 682	\$ 726	\$ 11,119
solar	\$ 2,822	\$ 2,385	\$ 1,600	\$ 1,593	\$ 1,546	\$ 1,231	\$ 925	\$ 552	\$ 674	\$ 959	\$ 1,654	\$ 1,668	\$ 17,610
Cabot/Turner (1st light)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,611	\$ 6,443	\$ 7,143	\$ 7,020	\$ 26,217
<b>Total Energy Costs</b>	<b>\$ 37,271</b>	<b>\$ 50,818</b>	<b>\$ 125,563</b>	<b>\$ 83,668</b>	<b>\$ 55,677</b>	<b>\$ 37,298</b>	<b>\$ 35,284</b>	<b>\$ 38,255</b>	<b>\$ 39,496</b>	<b>\$ 35,141</b>	<b>\$ 35,440</b>	<b>\$ 33,561</b>	<b>\$ 607,473</b>
<b>Capacity/Other Costs</b>													
ISO FCM Charges	\$ 45,383	\$ 37,595	\$ 37,595	\$ 37,537	\$ 37,558	\$ 37,574	\$ 37,610	\$ 37,118	\$ 37,789	\$ 37,812	\$ 38,001	\$ 38,000	\$ 459,573
NYPA CAP Credit	\$ (1,607)	\$ (1,584)	\$ (1,161)	\$ (1,258)	\$ (1,210)	\$ (1,585)	\$ (1,322)	\$ (1,359)	\$ (1,404)	\$ (1,800)	\$ (1,800)	\$ (1,800)	\$ (17,890)
NYPA Fixed Costs	\$ 1,222	\$ 1,222	\$ 1,222	\$ 1,313	\$ 1,268	\$ 1,268	\$ 1,268	\$ 1,268	\$ 1,268	\$ 1,268	\$ 1,222	\$ 1,222	\$ 15,028
ISO Ancillary/Schedule Charges	\$ 845	\$ 4,765	\$ (39,803)	\$ 7,807	\$ 5,453	\$ (2,544)	\$ (1,474)	\$ 4,778	\$ 17,273	\$ 16,576	\$ 6,025	\$ 1,319	\$ 21,019
Interconnection Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ISO Annual Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Projected ENE Fees	\$ 5,946	\$ 7,069	\$ 9,067	\$ 8,936	\$ 7,283	\$ 5,979	\$ 5,634	\$ 5,770	\$ 6,951	\$ 6,951	\$ 6,951	\$ 6,951	\$ 83,487
<b>Total Capacity/Other Costs</b>	<b>\$ 51,789</b>	<b>\$ 49,067</b>	<b>\$ 6,919</b>	<b>\$ 54,335</b>	<b>\$ 50,351</b>	<b>\$ 40,692</b>	<b>\$ 41,715</b>	<b>\$ 47,575</b>	<b>\$ 61,877</b>	<b>\$ 60,806</b>	<b>\$ 50,400</b>	<b>\$ 45,692</b>	<b>\$ 561,218</b>
<b>Transmission Costs</b>													
ISO Transmission Charges	\$ 21,905	\$ 45,407	\$ 58,430	\$ 56,510	\$ 37,803	\$ 20,233	\$ 20,187	\$ 19,516	\$ 23,614	\$ 22,925	\$ 22,000	\$ 22,000	\$ 370,531
NYPA Transmission Charges	\$ 4,168	\$ 3,635	\$ 3,194	\$ 3,462	\$ 3,028	\$ 4,086	\$ 3,753	\$ 7,272	\$ 5,912	\$ 13,493	\$ 1,715	\$ 1,997	\$ 55,714
National Grid Connection DAF Charges	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 338,136
National Grid Cable Surcharges	\$ 3,970	\$ 3,834	\$ 3,834	\$ 3,834	\$ 3,834	\$ 3,834	\$ 3,834	\$ 3,841	\$ 4,126	\$ 4,126	\$ 4,100	\$ 4,100	\$ 47,269
National Grid Transformer Surcharges	\$ 1,982	\$ 1,995	\$ 1,995	\$ 1,995	\$ 1,995	\$ 1,995	\$ 1,995	\$ 1,995	\$ 1,983	\$ 1,983	\$ 1,983	\$ 1,983	\$ 23,878
National Grid Meter Surcharge	\$ 63	\$ 62	\$ 62	\$ 62	\$ 62	\$ 62	\$ 62	\$ 62	\$ 62	\$ 62	\$ 62	\$ 62	\$ 742
National Grid Rolled in Distribution	\$ 14,077	\$ 13,155	\$ 13,155	\$ 13,155	\$ 13,155	\$ 13,155	\$ 13,155	\$ 13,155	\$ 13,155	\$ 13,155	\$ 13,155	\$ 13,155	\$ 158,779
National Grid PTF, Non-PTF and Load Dispatch Charges	\$ 7,361	\$ 6,874	\$ (1,412)	\$ 1,582	\$ 1,910	\$ 4,525	\$ 9,805	\$ 4,694	\$ 5,735	\$ 5,399	\$ 5,000	\$ 5,000	\$ 56,471
<b>Total Transmission Costs</b>	<b>\$ 81,703</b>	<b>\$ 103,139</b>	<b>\$ 107,436</b>	<b>\$ 108,777</b>	<b>\$ 89,964</b>	<b>\$ 76,067</b>	<b>\$ 80,968</b>	<b>\$ 78,712</b>	<b>\$ 82,765</b>	<b>\$ 89,320</b>	<b>\$ 76,193</b>	<b>\$ 76,475</b>	<b>\$ 1,051,520</b>
<b>Total All-In Costs</b>	<b>\$ 170,764</b>	<b>\$ 203,025</b>	<b>\$ 239,918</b>	<b>\$ 246,780</b>	<b>\$ 195,992</b>	<b>\$ 154,056</b>	<b>\$ 157,968</b>	<b>\$ 164,543</b>	<b>\$ 184,138</b>	<b>\$ 185,267</b>	<b>\$ 162,033</b>	<b>\$ 155,728</b>	<b>\$ 2,220,211</b>

See Attachment - 9 for a breakdown of actual costs (listed by invoice)





**Listing of Purchase Power Costs by Invoice  
Block Island Power Company**

**Attachment 9  
page 2 of 5  
2022 Reconciliation**

	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Total
	(1,606.65)	(1,583.80)	(1,161.43)	(1,258.16)	(1,210.49)	(1,584.50)	(1,322.04)	(1,359.26)	(1,404.01)	(1,800.00)	(1,800.00)	(1,800.00)	(17,890.34)
<b>Fixed Costs</b>													
NYPA Invoice (Attachment -10a)													
26084	1,221.90												1,221.90
26430		1,221.90											1,221.90
26618			1,221.90										1,221.90
26879				1,313.22									1,313.22
27134					1,267.56								1,267.56
27414						1,267.56							1,267.56
27607							1,267.56						1,267.56
27801								1,267.56					1,267.56
27047									1,267.56				1,267.56
28251										1,267.56			1,267.56
april	est										1,221.90		1,221.90
may	est											1,221.90	1,221.90
	1,221.90	1,221.90	1,221.90	1,313.22	1,267.56	1,267.56	1,267.56	1,267.56	1,267.56	1,267.56	1,221.90	1,221.90	15,028.08
<b>ISO Ancillary/Schedule Charges</b>													
ISO New Englanc (Attachment -11)													
376928	(231.49)												(231.49)
377193	330.58												330.58
377504	(253.70)												(253.70)
377926	(368.89)												(368.89)
378184	(220.09)												(220.09)
378445	(281.64)												(281.64)
378738	(181.30)												(181.30)
378991	(459.79)												(459.79)
379530		(32.63)											(32.63)
379791		1,382.21											1,382.21
380059		(144.41)											(144.41)
379281		(165.92)											(165.92)
380386	2,511.66	(486.33)											2,025.33
380765		(216.41)											(216.41)
381045		(13.75)											(13.75)
381310		(42.08)											(42.08)
381576		296.11											296.11
381862		1,292.66											1,292.66
382116			715.22										715.22
382400			286.96										286.96
382691		2,895.76	205.66										3,101.42
383100			214.69										214.69
383367			280.92										280.92
383633			(45,822.53)										(45,822.53)
383899			589.20										589.20
384175			383.49										383.49
384442				284.90									284.90
384709				700.74									700.74
384989				234.15									234.15
385250				891.18									891.18
385563			3,342.94	363.28									3,706.22
385955				907.36									907.36
386254				504.78									504.78
386502				(588.09)									(588.09)
386782				449.02									449.02
387070					451.70								451.70
387333					661.88								661.88
387609					84.66								84.66
387919				4,059.87	509.93								4,569.80
388325					(239.19)								(239.19)
388593					(126.40)								(126.40)
388875					110.91								110.91
389157					(102.84)								(102.84)
389423					(43.22)								(43.22)
389690						(147.20)							(147.20)
389953						(300.13)							(300.13)
390266					4,145.21	(269.11)							3,876.10
390669						(313.43)							(313.43)
390932						(978.74)							(978.74)
391200						(1,420.65)							(1,420.65)
391485						(663.87)							(663.87)
391766						(1,741.27)							(1,741.27)
392048							940.69						940.69
392301							(1,707.54)						(1,707.54)
392592							(559.65)						(559.65)
392841							(675.10)						(675.10)



**Listing of Purchase Power Costs by Invoice  
Block Island Power Company**

	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Total
<b>Transmission Costs</b>													
<b>ISO Transmission Charges</b>													
ISO New England (Attachment -11)													
382691	21,904.64												21,904.64
385563		45,406.99											45,406.99
387919			58,429.76										58,429.76
390266				56,510.14									56,510.14
393182					37,803.19								37,803.19
395518						20,232.82							20,232.82
397908							20,187.33						20,187.33
400874								19,516.42					19,516.42
403305									23,614.31				23,614.31
4/13/22	<b>406082</b>									<b>22,925.15</b>			22,925.15
5/16/22	est										22,000.00		22,000.00
6/11/22	est											22,000.00	22,000.00
		21,904.64	45,406.99	58,429.76	56,510.14	37,803.19	20,232.82	20,187.33	19,516.42	23,614.31	22,925.15	22,000.00	370,530.75
<b>NYPA Transmission</b>													
NYPA Invoice (Attachment -10a)													
26084	4,167.54												4,167.54
26430		3,635.05											3,635.05
26618			3,194.47										3,194.47
26879				3,462.11									3,462.11
27134					3,027.90								3,027.90
27414						4,086.04							4,086.04
27607							3,752.92						3,752.92
27801								7,271.93					7,271.93
27047									5,911.87				5,911.87
28251										13,492.50			13,492.50
april	est										1,715.00		1,715.00
may	est											1,997.00	1,997.00
		4,167.54	3,635.05	3,194.47	3,462.11	3,027.90	4,086.04	3,752.92	7,271.93	5,911.87	13,492.50	1,715.00	55,714.33
<b>National Grid Connection DAF Charges</b>													
National Grid Invoice (Attachment -13)													
800427643	28,178.00												28,178.00
800433360		28,178.00											28,178.00
800438441			28,178.00										28,178.00
800444520				28,178.00									28,178.00
800449714					28,178.00								28,178.00
800455111						28,178.00							28,178.00
800459997							28,178.00						28,178.00
800464379								28,178.00					28,178.00
800469254									28,178.00				28,178.00
800473678										28,178.00			28,178.00
est											28,178.00		28,178.00
est												28,178.00	28,178.00
	28,178.00	28,178.00	28,178.00	28,178.00	28,178.00	28,178.00	28,178.00	28,178.00	28,178.00	28,178.00	28,178.00	28,178.00	338,136.00
<b>National Grid Cable Surcharges</b>													
National Grid Invoice (Attachment -14)													
800430284	3,970.40												3,970.40
800435840		3,834.03											3,834.03
800442664			3,834.07										3,834.07
800447030				3,834.08									3,834.08
800451162					3,834.13								3,834.13
800457957						3,834.14							3,834.14
800461678							3,834.14						3,834.14
800467073								3,841.48					3,841.48
800470712									4,126.06				4,126.06
800475144										4,126.11			4,126.11
est											4,100.00		4,100.00
est												4,100.00	4,100.00
	3,970.40	3,834.03	3,834.07	3,834.08	3,834.13	3,834.14	3,834.14	3,841.48	4,126.06	4,126.11	4,100.00	4,100.00	47,268.64

Listing of Purchase Power Costs by Invoice  
Block Island Power Company

	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	Total
<b>National Grid Transformer Surcharges</b>													
National Grid Invoice (Attachment -15)													
800432501	1,981.98												1,981.98
800437837		1,994.58											1,994.58
800443267			1,994.58										1,994.58
800448658				1,994.58									1,994.58
800454365					1,994.58								1,994.58
800463385						1,994.58							1,994.58
800468317							1,994.58						1,994.58
800472398								1,994.58					1,994.58
<b>800476822</b>									1,983.41				1,983.41
est										1,983.41			1,983.41
est											1,983.41		1,983.41
	1,981.98	1,994.58	1,994.58	1,994.58	1,994.58	1,994.58	1,994.58	1,994.58	1,983.41	1,983.41	1,983.41	1,983.41	23,877.68
<b>National Grid Meter Surcharge</b>													
National Grid Invoice (Attachment -15)													
800432501	63.16												63.16
800437837		61.72											61.72
800443267			61.72										61.72
800448658				61.72									61.72
800454365					61.72								61.72
800463385						61.72							61.72
800468317							61.72						61.72
800472398								61.72					61.72
<b>800476822</b>										61.72			61.72
est										61.72			61.72
est											61.72		61.72
	63.16	61.72	61.72	61.72	61.72	61.72	61.72	61.72	61.72	61.72	61.72	61.72	742.08
<b>National Grid Rolled in Distribution</b>													
National Grid Invoice (Attachment -15)													
800432501	14,077.14												14,077.14
800437837		13,154.73											13,154.73
800443267			13,154.73										13,154.73
800448658				13,154.73									13,154.73
800454365					13,154.73								13,154.73
800463385						13,154.73							13,154.73
800468317							13,154.73						13,154.73
800472398								13,154.73					13,154.73
<b>800476822</b>										13,154.73			13,154.73
est										13,154.73			13,154.73
est											13,154.73		13,154.73
	14,077.14	13,154.73	13,154.73	13,154.73	13,154.73	13,154.73	13,154.73	13,154.73	13,154.73	13,154.73	13,154.73	13,154.73	158,779.17
<b>National Grid PTF, Non-PTF and Load Dispatch Charges</b>													
National Grid Invoice (Attachment -15)													
800432501	7,360.56												7,360.56
800437837		6,874.15											6,874.15
800443267			(1,411.79)										(1,411.79)
800448658				1,581.84									1,581.84
800454365					1,909.92								1,909.92
800463385						4,524.59							4,524.59
800468317							9,804.51						9,804.51
800472398								4,693.55					4,693.55
<b>800476822</b>									5,735.15				5,735.15
est										5,000.00			5,000.00
est											5,000.00		5,000.00
	7,360.56	6,874.15	(1,411.79)	1,581.84	1,909.92	4,524.59	9,804.51	4,693.55	5,735.15	5,398.56	5,000.00	5,000.00	56,471.04
total attachment 15	23,482.84	22,085.18	13,799.24	16,792.87	17,120.95	19,735.62	25,015.54	19,904.58	20,935.01	20,598.42	20,199.86	20,199.86	

**Attachment for the response to PUC 1-15**

Actual Sales (KWH) to All Customers  
Block Island Power Company

**Attachment 4**  
**2022 Reconciliation**  
**Page 2 of 2**

	kWh per biller	kWh BIUD Plant Use	kWh sales
Apr-21	794,927	(16,061)	778,866
May-21	982,355	(12,460)	969,895
Jun-21	1,357,288	(8,482)	1,348,806
Jul-21	2,170,830	(15,672)	2,155,158
Aug-21	2,207,974	(10,364)	2,197,610
Sep-21	1,521,482	(10,649)	1,510,833
Oct-21	922,320	(12,555)	909,765
Nov-21	768,257	(19,827)	748,430
Dec-21	815,639	(25,838)	789,801
Jan-22	958,700	(35,206)	923,494
Feb-22	802,940	(34,670)	768,270
Mar-22	<b>802,142</b>	<b>(27,238)</b>	<b>774,904</b>

**Attachment for the response to PUC 1-15**

Actual Sales (KWH) to All Customers  
Block Island Power Company

**Attachment 4**  
**2022 Reconciliation**  
**Page 1 of 2**

(A)				
May-19	917,814		No Change from April 2021 filing	
Jun-19	1,239,142		No Change from April 2021 filing	
Jul-19	2,122,121		No Change from April 2021 filing	
Aug-19	2,076,264		No Change from April 2021 filing	
Sep-19	1,318,244		No Change from April 2021 filing	
Oct-19	866,772		No Change from April 2021 filing	
Nov-19	713,995		No Change from April 2021 filing	
Dec-19	827,218		No Change from April 2021 filing	
Jan-20	699,609		No Change from April 2021 filing	
Feb-20	664,244		No Change from April 2021 filing	
Mar-20	700,625		No Change from April 2021 filing	
Apr-20	662,419		No Change from April 2021 filing	
<hr/>				
May-20	717,926		No Change from April 2021 filing	
Jun-20	1,169,207		No Change from April 2021 filing	
Jul-20	2,092,246		No Change from April 2021 filing	
Aug-20	2,180,015		No Change from April 2021 filing	
Sep-20	1,362,964		No Change from April 2021 filing	
Oct-20	927,514		No Change from April 2021 filing	
Nov-20	752,681		No Change from April 2021 filing	
Dec-20	846,344		No Change from April 2021 filing	
Jan-21	878,879		No Change from April 2021 filing	
Feb-21	839,233		No Change from April 2021 filing	
Mar-21	777,962		No Change from April 2021 filing	
Apr-21	778,866		See page two	
<hr/>				
May-21	969,895		See page two	35.1%
Jun-21	1,348,806		See page two	15.4%
Jul-21	2,155,158		See page two	3.0%
Aug-21	2,197,610		See page two	0.8%
Sep-21	1,510,833		See page two	10.8%
Oct-21	909,765		See page two	-1.9%
Nov-21	748,430		See page two	-0.6%
Dec-21	789,801		See page two	-6.7%
Jan-22	923,494		See page two	5.1%
Feb-22	768,270		See page two	-8.5%
Mar-22	<b>774,904</b>		est (same as prior year)	0.0%
Apr-22	778,866		est (same as prior year)	0.0%
	<u>12,808,467</u>	<u>13,323,837</u>	<u>13,875,832</u>	

Estimated Sales (KWH) to All Customers  
Block Island Power Company

Schedule DGB-2  
2022 Reconciliation

Estimated Sales (Two year average by month)

(A)	(B)	(C)	(B+C)/2	
917,814	717,926	969,895	843,911	May-21
1,239,142	1,169,207	1,348,806	1,259,007	Jun-21
2,122,121	2,092,246	2,155,158	2,123,702	Jul-21
2,076,264	2,180,015	2,197,610	2,188,813	Aug-21
1,318,244	1,362,964	1,510,833	1,436,899	Sep-21
866,772	927,514	909,765	918,640	Oct-21
713,995	752,681	748,430	750,556	Nov-21
827,218	846,344	789,801	818,073	Dec-21
699,609	878,879	923,494	901,187	Jan-22
664,244	839,233	768,270	803,752	Feb-22
700,625	777,962	<b>774,904</b>	<b>776,433</b>	Mar-22
662,419	778,866	778,866	778,866	Apr-22
<u>12,808,467</u>	<u>13,323,837</u>	<u>13,875,832</u>	<u>13,599,835</u>	

12 month estimated KWH Sales for Rate period

**13,599,835**

Project Load (See Attachment 1)

16,137,588

% of Line Loss and Plant Use

18.66%

- (A) See Attachment-4
- (B) See Attachment-4
- (C) See Attachment-4



Power Supply Service & Trans. Cost  
Rate Calculation  
Block Island Power Company

**Schedule DGB-1**  
**2022 Reconciliation**  
**12 month Recalculation for**  
**Rates Effective June 1, 2022**

**Power Supply Service**

Total Energy Costs	792,544	See Attachment-1
Total Capacity/Other Costs	422,029	See Attachment-1
Total Other Costs	-	See Attachment-2
<b>Less Over Collections</b>		
April 2020 Reconciliation estimates to actual variance	22,980	See Attachment-5
April 2021 Reconciliation (net of Reserve request)	<b>1,986</b>	See Schedule DGB-4
Subtotal	<u>1,189,607</u>	
Subtotal to recover (No Gross Receipts Tax)	<u>1,189,607</u>	(A)

Estimated Sales (MWH) to Customers	<b>13,600</b>	See Schedule DGB-2 Originally Filed	<b>Variance</b>
Cost per MWH	\$ 87.47	\$ 87.73	\$ (0.26)
Cost per KWH	\$ 0.0875	\$ 0.0877	\$ (0.0003)

**Transmission Charges**

Transmission costs	1,072,764	See Attachment-1
<b>Less Over Collections</b>		
April 2020 Reconciliation estimates to actual variance	9,743	See Attachment-5
April 2021 Reconciliation (net of Reserve request)	<b>64,196</b>	See Schedule DGB-4
Subtotal	<u>998,825</u>	
Subtotal to recover (No Gross Receipts Tax)	<u>998,825</u>	(B)

Estimated Sales (MWH) to Customers	<b>13,600</b>	See Schedule DGB-2 Originally Filed	<b>Variance</b>
Cost per MWH	\$ 73.44	\$ 73.32	\$ 0.12
Cost per KWH	\$ 0.0734	\$ 0.0733	\$ 0.0001

**Total**

Cost per MWH	\$ 160.92
Cost per KWH	\$ 0.1609

**Updated Net Metering rate based upon this filing**

	<u>Costs</u>	
Power Supply Costs	1,189,607	(A)
BIUD interconnection	-	See Attachment-2
Power Supply Service portion of Net Metering Credit	<u>1,189,607</u>	
Transmission Costs per Settlement Schedule-1	998,825	(B)
DAF Costs	(338,136)	See Attachment-1
BITS Costs	(46,800)	See Attachment-1
Transmission portion of Net Metering Credit	<u>613,889</u>	
Total Costs Assigned to Net Metering Credit	1,803,496	
Estimated Sales (MWH) to Customers	13,600	See Schedule DGB-2
Total Net Metering Credit per MWH	\$ 132.61	
Cost per KWH	\$ 0.1326	

STATE OF RHODE ISLAND  
PUBLIC UTILITIES COMMISSION

IN RE: BLOCK ISLAND UTILITY DISTRICT :  
ANNUAL RECONCILIATION OF LAST RESORT : DOCKET NO. 5245  
SERVICE AND TRANSMISSION EXPENSE :

COMMISSION'S FIRST SET OF DATA REQUESTS  
DIRECTED TO BLOCK ISLAND UTILITY DISTRICT (BIUD)  
(Issued April 6, 2022)  
(Please respond by April 20, 2022)

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- 1-16. Referencing Attachment 1, BIUD estimates a monthly National Grid Cable Surcharge of \$3,900. In its most recent retail rate filing, National Grid estimated a total annual surcharge of \$10,521,889 for the period April 1, 2022-March 31, 2023, with BIUD allocated 0.29% of the cost. It appears from this more recent information that BIUD's estimate is overstated. Ref: [http://www.ripuc.ri.gov/eventsactions/docket/5234-NGrid-Retail%20Rate%202022%20\(PUC%202-14-22\).pdf](http://www.ripuc.ri.gov/eventsactions/docket/5234-NGrid-Retail%20Rate%202022%20(PUC%202-14-22).pdf) (Baters page 276 or pdf page 317).
- Does BIUD agree that its estimate is overstated?
  - If so, please update Attachment 1, transmission expense using the updated estimate.
  - How would this affect the proposed transmission charge?

Response:

- Yes. The figures used for Attachment 1 were the approved rates at the time of the preparation of this filing. BIUD is prepared to make any revision for known and measurable items that were previously estimated. BIUD expects to work with the Division in making this adjustment along with any other estimates that become actualized as part of a settlement agreement.
- See attached.
- The overall transmission rate would be reduced \$0.0012 per kWh. See revised schedule DGB-1 which reflects this adjustment.

Prepared by: David G Bebyn, CPA.

**Forecast Purchase  
Power Costs  
Block Island Power Company**

**Attachment 1**

2022 Reconciliation  
12 month Recalculation for  
Rates Effective June 1, 2022

<b>Purchase Power Projections</b>													
	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	Totals
Load (Energy Purchased)	1,052	1,477	2,525	2,647	1,642	1,077	958	995	1,070	876	937	882	16,138 *
<b>MWH</b>													
Bilateral Purchase	621	1,152	1,969	2,065	1,281	635	565	587	631	517	553	520	11,096
NYPA Purchase	128	136	144	156	144	133	125	117	137	131	139	146	1,637
BIUD Solar (Project)	14	15	10	10	9	8	6	3	4	6	10	12	107
Gravel Pit Solar II	-	-	-	-	-	-	-	-	10	12	17	21	61
Gravel Pit Solar III	-	-	-	-	-	-	-	-	12	16	24	30	81
Cabot/Tuners (First Light)	161	124	95	81	67	113	134	141	100	79	108	123	1,327
ISO Adjusted net Interchange	127	50	306	335	140	188	127	147	176	114	87	30	1,829
<b>Total Net Purchases MWH</b>	<b>1,052</b>	<b>1,477</b>	<b>2,525</b>	<b>2,647</b>	<b>1,642</b>	<b>1,077</b>	<b>958</b>	<b>995</b>	<b>1,070</b>	<b>876</b>	<b>937</b>	<b>882</b>	<b>16,138</b>
<b>Energy Costs See Attachment-3</b>													
Shell	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90	\$ 49.90
py BIUD SO rate	\$ 159.20	\$ 159.20	\$ 159.20	\$ 159.20	\$ 159.20	\$ 159.20	\$ 159.20	\$ 159.20	\$ 159.20	\$ 159.20	\$ 159.20	\$ 159.20	\$ 159.20
Bilateral Purchase	\$ 30,964	\$ 57,480	\$ 98,271	\$ 103,036	\$ 63,897	\$ 31,702	\$ 28,205	\$ 29,292	\$ 31,506	\$ 25,797	\$ 27,587	\$ 25,972	\$ 553,709
NYPA Purchase	\$ 632	\$ 668	\$ 710	\$ 769	\$ 711	\$ 655	\$ 617	\$ 573	\$ 673	\$ 646	\$ 682	\$ 717	\$ 8,052
BIUD Solar (Project)	\$ 2,229	\$ 2,388	\$ 1,592	\$ 1,592	\$ 1,490	\$ 1,202	\$ 955	\$ 478	\$ 637	\$ 996	\$ 1,592	\$ 1,910	\$ 17,061
Gravel Pit Solar II	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 518	\$ 644	\$ 917	\$ 1,127	\$ 3,206
Gravel Pit Solar III	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 637	\$ 834	\$ 1,224	\$ 1,537	\$ 4,232
Cabot/Tuners (First Light)	\$ 6,864	\$ 5,291	\$ 4,067	\$ 3,502	\$ 2,901	\$ 4,811	\$ 5,715	\$ 5,963	\$ 4,536	\$ 3,593	\$ 4,862	\$ 5,430	\$ 57,536
Cabot/Tuners REC	\$ -	\$ -	\$ -	\$ -	\$ (1,931)	\$ -	\$ -	\$ (2,260)	\$ -	\$ -	\$ (1,217)	\$ -	\$ (5,409)
ISO Net Position	\$ 5,284	\$ 2,219	\$ 16,757	\$ 19,131	\$ 6,284	\$ 9,401	\$ 9,837	\$ 23,308	\$ 32,067	\$ 20,544	\$ 8,302	\$ 1,023	\$ 154,156
<b>Total Energy Costs</b>	<b>\$ 45,972</b>	<b>\$ 68,047</b>	<b>\$ 121,396</b>	<b>\$ 128,029</b>	<b>\$ 73,351</b>	<b>\$ 47,770</b>	<b>\$ 45,329</b>	<b>\$ 57,354</b>	<b>\$ 70,574</b>	<b>\$ 53,055</b>	<b>\$ 43,948</b>	<b>\$ 37,718</b>	<b>\$ 792,544</b>
<b>Capacity/Other Costs</b>													
ISO FCM Charges net of NYPA CAP credit	\$ 34,984	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 20,599	\$ 261,571
NYPA Fixed Costs	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 1,266	\$ 15,189
ISO Ancillary/Schedule Charges	\$ 3,905	\$ 5,483	\$ 9,375	\$ 9,829	\$ 6,096	\$ 3,998	\$ 3,557	\$ 3,694	\$ 4,073	\$ 3,335	\$ 3,566	\$ 3,357	\$ 60,269
ISO Annual Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500	\$ -	\$ -	\$ -	\$ 500
Projected ENE Fees	\$ 6,000	\$ 7,100	\$ 9,000	\$ 9,000	\$ 7,500	\$ 6,000	\$ 5,700	\$ 5,800	\$ 7,100	\$ 7,100	\$ 7,100	\$ 7,100	\$ 84,500
<b>Total Capacity/Other Costs</b>	<b>\$ 46,155</b>	<b>\$ 34,448</b>	<b>\$ 40,239</b>	<b>\$ 40,694</b>	<b>\$ 35,460</b>	<b>\$ 31,863</b>	<b>\$ 31,122</b>	<b>\$ 31,359</b>	<b>\$ 33,537</b>	<b>\$ 32,299</b>	<b>\$ 32,531</b>	<b>\$ 32,322</b>	<b>\$ 422,029</b>
<b>Transmission Costs</b>													
ISO Transmission Charges	\$ 20,330	\$ 28,332	\$ 48,122	\$ 59,310	\$ 62,680	\$ 48,710	\$ 25,464	\$ 20,648	\$ 23,050	\$ 27,634	\$ 23,894	\$ 23,595	\$ 411,769
NYPA Transmission Costs	\$ 1,733	\$ 2,280	\$ 2,256	\$ 1,924	\$ 1,656	\$ 1,800	\$ 1,773	\$ 2,921	\$ 3,744	\$ 3,505	\$ 2,825	\$ 2,568	\$ 28,985
National Grid Connection DAF Charges	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 28,178	\$ 338,136
National Grid Cable Surcharges	\$ 2,543	\$ 2,543	\$ 2,543	\$ 2,543	\$ 2,543	\$ 2,543	\$ 2,543	\$ 2,543	\$ 2,543	\$ 2,543	\$ 2,543	\$ 2,543	\$ 30,516
National Grid Transformer Surcharges	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 24,000
National Grid Meter Surcharge	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 65	\$ 775
National Grid Rolled in Distribution	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 13,250	\$ 159,000
National Grid PTF, Non-PTF and Load Dispatch Charges	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 5,275	\$ 63,300
<b>Total Transmission Costs</b>	<b>\$ 73,373</b>	<b>\$ 81,922</b>	<b>\$ 101,689</b>	<b>\$ 112,545</b>	<b>\$ 115,647</b>	<b>\$ 101,821</b>	<b>\$ 78,548</b>	<b>\$ 74,879</b>	<b>\$ 78,105</b>	<b>\$ 82,449</b>	<b>\$ 78,030</b>	<b>\$ 77,474</b>	<b>\$ 1,056,480</b>
<b>Total All-In Costs</b>	<b>\$ 165,500</b>	<b>\$ 184,417</b>	<b>\$ 263,325</b>	<b>\$ 281,268</b>	<b>\$ 224,458</b>	<b>\$ 181,454</b>	<b>\$ 154,999</b>	<b>\$ 163,592</b>	<b>\$ 182,216</b>	<b>\$ 167,803</b>	<b>\$ 154,508</b>	<b>\$ 147,514</b>	<b>\$ 2,271,053</b>

\* This line item represents the Purchased KWH.

The difference between this line item and the estimated kwh sales on DGB-2 represents the estimated KWH line losses & KWH Plant Use.

Power Supply Service & Trans. Cost  
Rate Calculation  
Block Island Power Company

**Schedule DGB-1**  
**2022 Reconciliation**  
**12 month Recalculation for**  
**Rates Effective June 1, 2022**

**Power Supply Service**

Total Energy Costs	792,544	See Attachment-1	
Total Capacity/Other Costs	422,029	See Attachment-1	
Total Other Costs	-	See Attachment-2	
<b>Less Over Collections</b>			
April 2020 Reconciliation estimates to actual variance	22,980	See Attachment-5	
April 2021 Reconciliation (net of Reserve request)	<u>(1,635)</u>	See Schedule DGB-4	
Subtotal	<u>1,193,228</u>		
Subtotal to recover (No Gross Receipts Tax)	1,193,228	(A)	

Estimated Sales (MWH) to Customers	13,601	See Schedule DGB-2 Originally Filed	<b>Variance</b>
Cost per MWH	\$ 87.73	\$ 87.73	\$ -
Cost per KWH	\$ 0.0877	\$ 0.0877	\$ -

**Transmission Charges**

Transmission costs	1,056,480	See Attachment-1	
<b>Less Over Collections</b>			
April 2020 Reconciliation estimates to actual variance	9,743	See Attachment-5	
April 2021 Reconciliation (net of Reserve request)	<u>65,746</u>	See Schedule DGB-4	
Subtotal	<u>980,991</u>		
Subtotal to recover (No Gross Receipts Tax)	980,991	(B)	

Estimated Sales (MWH) to Customers	13,601	See Schedule DGB-2 Originally Filed	<b>Variance</b>
Cost per MWH	\$ 72.12	\$ 73.32	\$ (1.20)
Cost per KWH	\$ 0.0721	\$ 0.0733	\$ (0.0012)

**Total**

Cost per MWH	\$ 159.85
Cost per KWH	\$ 0.1599

**Updated Net Metering rate based upon this filing**

	<u>Costs</u>	
Power Supply Costs	1,193,228	(A)
BIUD interconnection	-	See Attachment-2
Power Supply Service portion of Net Metering Credit	<u>1,193,228</u>	
Transmission Costs per Settlement Schedule-1	980,991	(B)
DAF Costs	(338,136)	See Attachment-1
BITS Costs	<u>(30,516)</u>	See Attachment-1
Transmission portion of Net Metering Credit	<u>612,339</u>	
Total Costs Assigned to Net Metering Credit	1,805,567	
Estimated Sales (MWH) to Customers	13,601	See Schedule DGB-2
Total Net Metering Credit per MWH	\$ 132.75	
Cost per KWH	\$ 0.1327	

STATE OF RHODE ISLAND  
PUBLIC UTILITIES COMMISSION

IN RE: BLOCK ISLAND UTILITY DISTRICT :  
ANNUAL RECONCILIATION OF LAST RESORT : DOCKET NO. 5245  
SERVICE AND TRANSMISSION EXPENSE :

COMMISSION'S FIRST SET OF DATA REQUESTS  
DIRECTED TO BLOCK ISLAND UTILITY DISTRICT (BIUD)  
(Issued April 6, 2022)  
(Please respond by April 20, 2022)

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- 1-17. Historically, has BIUD reduced its monthly Regional Network Load (reported to ISO-NE for purposes of Regional Network Service cost allocation) for the output of any distributed generation facilities that are registered as Generator Assets with ISO-NE? If yes, please describe.

Response: No, BIUD has not reduced its monthly Regional Network Load by running any distributed generation facilities. BIUD has not registered any Generator Assets with the ISO-NE. BIUD continues to run its diesel generators for backup purposes only.

Prepared by: David G Bebyn, CPA. and Jeffery M. Wright

STATE OF RHODE ISLAND  
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- 1-18. Please update the table provided by BIUD in response to PUC 1-13 in Docket No. 5141 with actual monthly Regional Network Load values from March 2021 through the present.

Response: See attached.

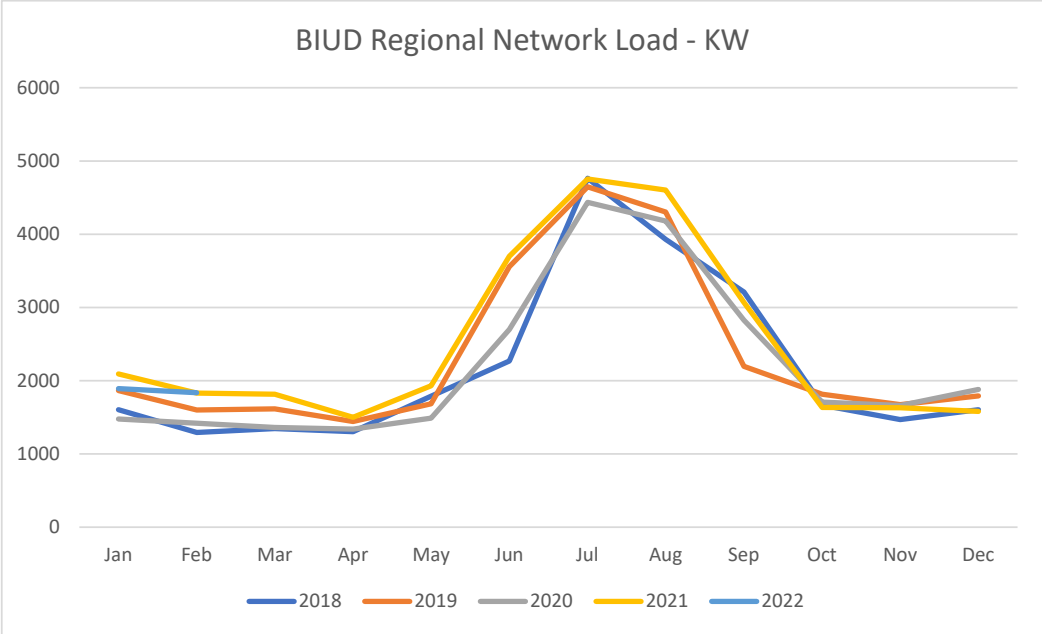
Prepared by: David G Bebyn, CPA. and Jeffery M. Wright

**Coincident Network Load - PTF (KW)**

Month	2018	2019	2020	2021	2022
Jan	1602	1864	1475	2092	1892
Feb	1293	1600	1421	1830	1836
Mar	1345	1614	1360	1817	
Apr	1302	1443	1339	1500	
May	1789	1683	1488	1929	
Jun	2269	3558	2701	3700	
Jul	4764	4647	4435	4754	
Aug	3928	4301	4180	4604	
Sep	3209	2196	2827	3069	
Oct	1665	1815	1708	1633	
Nov	1468	1673	1663	1631	
Dec	1602	1793	1881	1579	

**Real Time Load Obligation (MWH)**

Month	2018	2019	2020	2021	2022
Jan	925	934	902	1,038	1,093
Feb	741	814	813	982	908
Mar	814	925	849	936	910
Apr	825	791	802	874	
May	1,068	1,090	859	1,073	
Jun	1,443	1,468	1,379	1,584	
Jul	2,352	2,531	2,426	2,433	
Aug	2,545	2,396	2,325	2,518	
Sep	1,545	1,461	1,531	1,692	
Oct	1,014	1,004	1,059	1,039	
Nov	869	872	876	867	
Dec	886	950	994	935	



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1-19. Please update the response to PUC 1-12 in Docket No. 5141 using BIUD's 2021 peak demand.

Response:

<u>ISO-NE PEAKS AND BIPCO COINCIDENTAL LOADS</u>						<u>BIPCO NON-COINCIDENTAL PEAKS</u>			
Date	Day	Hour	System Peak Load (MW)	BIUD Coincidental Load (MW)	Monthly (FCM) Capacity Charge	BIUD Peak Day/Date	Day	Hour	BIUD Summer Peak (MW)
7/6/2010	Tuesday	15	26,701						
7/22/2011	Friday	15	27,312						
7/17/2012	Tuesday	17	25,543						
7/19/2013	Friday	17	26,911						
7/2/2014	Wednesday	15	24,068						
7/29/2015	Wednesday	17	24,052						
8/12/2016	Friday	15	25,111						
6/13/2017	Tuesday	17	23,508	2.314		7/20/2017	Thu	21	4.193
8/29/2018	Wednesday	17	25,528	3.867	\$40,814.06	8/17/2018	Thu	20	4.831
7/30/2019	Tuesday	19	23,973	4.647	\$42,682.93	7/20/2019	Sat	19	5.082
7/27/2020	Monday	18	24,695	4.435	\$34,941.00	7/30/2021	Thu	19	4.749
7/16/2021	Friday	18	22,365	4.753	\$30,724.00	7/17/2021	Sat	19	5.017

Prepared by: Jeffery M. Wright



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- 1-20. It appears that the forecast wholesale charges that BIUD expects to be allocated in 2022 were estimated using the 2021 peak demand. Recognizing the Commission's recent approval of BIUD's new net metering tariff (Docket No. 5192) and the significant, pent-up interest in net metering among BIUD's customers, did BIUD attempt to adjust the 2021 peak demand value for the possible peak demand impact of new net metering systems that interconnect in the spring and summer of 2022?

Response: We did not. Although there is significant pent-up demand, it will take some time for the developers to mobilize and install the arrays. Additionally, the owner/operator of Cool Energy who was installing solar for the BI Solar Initiative has recently passed away. The future of those projects in the queue/waiting list are unknown at this time.

Prepared by: Jeffery M. Wright