

McElroy & Donaldson

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November 10, 2023

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**

Dear Luly,

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

Enclosed for filing please find an original and five (5) copies of BIUD’s Annual Recalculation of Last Resort and Transmission Charges and Request for New Rates.

This submittal consists of:

- (1) current tariffs and proposed new tariffs (red-lined and clean);
- (2) proposed notice of changes in rates;
- (3) direct testimony of David Bebyn, CPA, with supporting schedules and attachments;
- (4) direct testimony of Jeffery Wright; and
- (5) direct testimony of Craig Kieny.

In this filing, BIUD is requesting the following changes to its Standard Offer and Transmission Charges to become effective January 1, 2024:

Factor (Jan - Dec)	Current	Proposed (1/1/2024)	Difference
Standard Offer	\$0.1036	\$0.1203	\$0.0167
Transmission	\$0.0786	\$0.0775	(\$0.0011)
Fuel Adjustment	\$0.0000	\$0.0000	\$0.0000
TOTAL	\$0.1822	\$0.1977	\$0.0155

A residential customer using 500 kWh for a given month would currently pay (A) \$145.85 during November through April, (B) \$172.35 during May, June, September and October, and (C) \$243.60 during July and August. Under the proposed new rates, the customer's bills would increase to (A) \$153.62 during November through April (which is an increase of \$7.77), (B) \$180.12 during May, June, September and October (which is an increase of \$7.77), and (C) \$251.37 during July through August (which is an increase of \$7.77).

November 10, 2023

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

Very truly yours,

Leah J. Donaldson

Cc: Service list for PUC Docket 22-44-EL (via electronic mail)

McElroy & Donaldson

**Docket No. 22-44-EL Block Island Utility District – Annual Recalculation Tariff Filing
Service List as of 11/4/22**

Name/Address	Email	Phone
Block Island Utility District (BIUD) Michael McElroy, Esq. Leah Donaldson, Esq. McElroy & Donaldson 3 Cedar Meadows Drive Smithfield, RI 02917	Michael@McElroyLawOffice.com;	401-351-4100
	leah@mcelroylawoffice.com;	
David Bebyn, Consultant for BIUD	dbebyn@beconsulting.biz;	
Christina Beaudry	cbeaudry@ene.org;	
Jeffery Wright, President Block Island Utility District Barbara MacMullan	jwright@blockislandutilitydistrict.com;	401-466-5851
	bamacmullan@gmail.com;	
Division of Public Utilities (Division) Mark A. Simpkins, Esq.	Mark.A.Simpkins@dpuc.ri.gov;	401-780-2146
	Margaret.L.Hogan@dpuc.ri.gov;	
	Christy.Hetherington@dpuc.ri.gov;	
	Machaela.Seaton@dpuc.ri.gov;	
	egolde@riag.ri.gov;	
John Bell, Chief Accountant	John.bell@dpuc.ri.gov;	
	Al.contente@dpuc.ri.gov;	
	Pat.smith@dpuc.ri.gov;	
File an original & nine (9) copies w/: Luly E. Massaro, Commission Clerk Cynthia Wilson Frias, Counsel Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	Luly.massaro@puc.ri.gov;	401-780-2107
	Cynthia.WilsonFrias@puc.ri.gov;	
	Alan.nault@puc.ri.gov;	
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	Emma.Rodvien@puc.ri.gov;	
Interested Persons		
Town of New Shoreham Maryann Crowford Millicent McGinness, Town Clerk Town of New Shoreham James Callaghan, Esq. Nick Solitro, Esq. Robert Craven, Esq.	mccrawford@new-shoreham.com;	
	MMcGinness@new-shoreham.com;	
	mccrawford@new-shoreham.com;	
	nsolitro@gmail.com;	
	bob@robertecraven.com;	

Office of Energy Resources Christopher Kearns Albert Vitali, OER	Christopher.Kearns@energy.ri.gov ;	
	Albert.Vitali@doa.ri.gov ;	

BLOCK ISLAND UTILITY DISTRICT

Block Island, Rhode Island

R.I. PUC No. 22-44-EL

Sheet No. 1

Effective: January 1, 2023

**LAST RESORT SERVICE, ALSO KNOWN AS POWER SUPPLY
SERVICE & TRANSMISSION COST RATES**

Power Supply Service Rate 10.36¢ per kWh
See Rider "PSS" for additional Details

Transmission Cost Rate 7.86¢ per kWh
See Rider "TMC" for additional Details

Net Metering Rate 15.58¢ per kWh
See Net Metering Tariff for additional Details

BLOCK ISLAND UTILITY DISTRICT

Block Island, Rhode Island

R.I. PUC No. ~~22-44-EL~~ _____

Sheet No. 1

Effective: January 1, 202~~2~~3

**LAST RESORT SERVICE, ALSO KNOWN AS POWER SUPPLY
SERVICE & TRANSMISSION COST RATES**

Power Supply Service Rate ~~1012.3603~~¢ per kWh
See Rider "PSS" for additional Details

Transmission Cost Rate ~~7.8675~~¢ per kWh
See Rider "TMC" for additional Details

Net Metering Rate ~~1517.5820~~¢ per kWh
See Net Metering Tariff for additional Details

BLOCK ISLAND UTILITY DISTRICT

Block Island, Rhode Island

R.I. PUC No. _____

Sheet No. 1

Effective: January 1, 2024

**LAST RESORT SERVICE, ALSO KNOWN AS POWER SUPPLY
SERVICE & TRANSMISSION COST RATES**

Power Supply Service Rate 12.03¢ per kWh
See Rider "PSS" for additional Details

Transmission Cost Rate 7.75¢ per kWh
See Rider "TMC" for additional Details

Net Metering Rate 17.20¢ per kWh
See Net Metering Tariff for additional Details

STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION

RE: BLOCK ISLAND UTILITY DISTRICT DBA BLOCK ISLAND POWER COMPANY
ANNUAL RECALCULATION OF LAST RESORT AND TRANSMISSION CHARGES
DOCKET NO. 23-____-EL

NOTICE OF CHANGES IN RATES

Pursuant to R.I. Gen. Laws §39-3-11, and in accordance with Section 2.4 of the Rules of Practice and Procedure of the Rhode Island Public Utilities Commission (RIPUC), Block Island Utility District (BIUD) hereby gives notice of proposed changes in rates filed and published in compliance with R.I. Gen. Laws § 39-3-10.

The proposed changes are contained in the exhibits accompanying the filing. The new rates, as proposed, are to become effective January 1, 2024.

Factor (Jan - Dec)	Current	Proposed (1/1/2024)	Difference
Standard Offer	\$0.1036	\$0.1203	\$0.0167
Transmission	\$0.0786	\$0.0775	(\$0.0011)
Fuel Adjustment	\$0.0000	\$0.0000	\$0.0000
TOTAL	\$0.1822	\$0.1977	\$0.0155

A residential customer using 500 kWh for a given month would currently pay (A) \$145.85 during November through April, (B) \$172.35 during May, June, September and October, and (C) \$243.60 during July and August. Under the proposed new rates, the customer's bills would increase to (A) \$153.62 during November through April (which is an increase of \$7.77), (B) \$180.12 during May, June, September and October (which is an increase of \$7.77), and (C) \$251.37 during July through August (which is an increase of \$7.77).

Be advised as follows:

1. BIUD, incorporated by a special act of the General Assembly, has its office located at 100 Ocean Avenue, Block Island, Rhode Island 02807.
2. BIUD operates an electric distribution system providing retail electric service to customers in the Town of New Shoreham (Block Island), Rhode Island.
3. Correspondence for BIUD in this case should be addressed to Leah J. Donaldson, Esq., McElroy & Donaldson, 3 Cedar Meadows Drive, Smithfield, RI 02917.
4. In accordance with PUC Rules and Regulations, the documents accompanying this filing contain data and information in support of BIUD's application. A copy of this filing is at our offices and may be examined by the public during business hours. The proposed filing can be accessed online at _____.

Direct Testimony
of
David G. Bebyn CPA
Twelve Month Last Resort Service and Transmission Rate
Reconciliation and Request for New Rates

Block Island Utility District
Docket No. _____

November 10, 2023

1 **Q. Please state your name and business address for the record.**

2 A. My name is David G. Bebyn, CPA and my business address is 21 Dryden Lane,
3 Providence, Rhode Island 02904.

4
5 **Q. By whom are you employed and in what capacity?**

6 A. I am the President of B&E Consulting LLC. (B&E). B&E is a CPA firm that
7 specializes in utility regulation, expert rate and accounting testimony, and accounting
8 services.

9
10 **Q. What is the purpose of your testimony in this Docket?**

11 A. I was asked by Block Island Utility District (BIUD) to provide testimony and
12 schedules in support of (1) BIUD's reconciliation of the prior 12-month period ending
13 December 31st of each year and (2) the proposed Purchase Supply Service (also known
14 as Last Resort Service) and Transmission rates for the following 12-month tariffs. BIUD
15 received approval for its 30-month power procurement plan in Commission Order No.
16 24611 in Docket #22-44-EL.

17
18 **Q. Can you provide a summary of BIUD's current power production/purchase cost
19 recovery?**

20 A. BIUD currently purchases all the energy it sells. National Grid's undersea cable
21 connecting the Island to the mainland electric grid was installed and operational in
22 November 2016. BIUD's connection to the cable became operational on May 1st, 2017.
23 BIUD maintains its own diesel generators for backup purposes. The reflection of those
24 generation costs are presented on Attachment 16 and explained in further detail later on
25 page 3 of this testimony. The purchase power and associated transmission costs,
26 beginning January 1st, 2023, were recovered through Standard Offer and Transmission
27 rates approved in Docket #22-44-EL. Those rates were to cover the 12-month period
28 ending December 31th, 2023.

29
30
31

1 **Q. Mr. Bebyn, how did you calculate your reconciliation of the prior Power Supply**
2 **Service (Last Resort) and Transmission Charges?**

3 A. I have attached to my testimony Schedule DGB-4, which covers the reconciliation of
4 the prior eighth month period of January 2023 thru December 2023. This Schedule
5 utilizes the actual power purchase costs and associated costs from Attachments 7 & 8.
6 The electric sales utilize actual kWh sales from January 2023 to September 2023 while
7 keeping the estimated October, November and December 2023 kWh sales at the same
8 level as the prior year. These actual sales are presented on Attachment 4. The actual kWh
9 electric sales are multiplied by the approved Power Supply Service and Transmission
10 Charges in the last 12-month period (Docket #22-44-EL filed November 3rd, 2023) for
11 January 2023 through December 2023 whether the rates resulted in over or under
12 collections. These over/under collections are then factored into the calculation of
13 proposed rates for this period. This Schedule also uses the over/under collections from
14 the prior reconciliation as the starting balance in this reconciliation.

15
16 **Q. Do you have supporting documentation for the actual costs?**

17 A. Yes. I have attached to my testimony Attachment 9, which lists all the purchase
18 power costs by invoice and totals them by month. Attachment 9 is further supported by
19 Attachments 10 thru 15, which provide all the corresponding invoices. The supporting
20 documentation for the interconnection and soft costs used on Attachment 8 were already
21 provided with the 12-month filing (Docket #5141, filed March 31st, 2021). I did,
22 however, make an adjustment to Attachment 8 in this filing by including the activity for
23 costs from fuel used during the year, which is calculated on Attachment 16. The fuel
24 costs on Attachment 16 reflect this usage.

25
26 **Q. Why are there any fuel expenses for the period and why have they not been**
27 **recovered by the Fuel Adjustment clause?**

28 A. The fuel-related expenses shown on Schedule 16 represent fuel-related expenses used
29 since BIUD's last Power Supply Service and Transmission Charges filing (Docket #22-
30 44-EL, filed November 3rd, 2022). These expenses normally only occurred as the result
31 of the small amount of generation by BIUD to test and exercise its engines. There were

1 also two smaller cable outages, one in the month of January and the other in June.
2 Management had decided not to request for a FAC for either of these outages due to
3 small size of the outages. None of these costs have been recovered with any interim FAC
4 filing. BIUD however does still maintain the FAC for larger outages. Since my schedule
5 16 includes all the fuel-related expenses for the period, the Schedule also includes any
6 credit for any FAC revenue recovered during the year.

7
8 **Q. Mr. Bebyn, how did you account for estimates used in the prior Power Supply
9 Service (Last Resort) and Transmission Charges reconciliation?**

10 A. I have attached to my testimony Attachment 5, which covers the difference between
11 actual results and estimates used in the prior twelve-month reconciliation period of
12 January 2023 through December 2022. This attachment utilizes the actual power
13 purchase costs and associated costs, further supported by Attachment 6, which provides
14 all the corresponding invoices. The electric sales utilize actual kWh sales for April 2022,
15 which are presented on Attachment 4. This attachment showed that costs estimates were
16 within a 5% variance and sales estimates were within a 1% variance.

17
18 **Q. What are you recommending regarding this overage?**

19 A. I am recommending that the overage be used to reduce the power
20 purchase/transmission costs to reduce the overall increase of this current filing.

21
22 **Q. Mr. Bebyn, what are the projected power purchase costs BIUD is seeking to
23 recover for the next 12-month period?**

24 A. Working with BIUD's energy procurement consultant, Energy New England (ENE), I
25 have prepared a summary sheet of the Bulk Power Cost Projections for BIUD which is
26 included in this testimony as Attachment 1. This summary covers 12 months of purchase
27 power for January 1st, 2024 through December 30th, 2024. The major items are as
28 follows:

- 29 1. Energy Purchased for bilateral purchases is \$76.50 per MWH for the 12-month
30 period. This amount is part of the current 30 month contract approved just after
31 last year's filing. The contract showing this rate is included with Attachment-3.

- 1 2. Energy Purchased under BIUD's NYPA share is projected to be \$8,081 for the 12-
2 month period.
- 3 3. Energy Purchased from BIUD from its rooftop solar project is projected to be
4 \$19,185 for the 12-month period. The purchase is based upon the net metering
5 rate as calculated on Schedule DGB-1.
- 6 4. Energy Purchased from Gravel Pit Solar II from BIUD participation in
7 Rhode Island's second renewable energy solicitation for a solar project in
8 Connecticut. The project entity is Gravel Pit Solar II, LLC, located in East
9 Windsor, Connecticut. The energy purchases only begin in July 2024 so the cost
10 for the year is projected to be \$6,398 for the 12-month period. The renewable
11 energy credits ("RECs") will not be exercised as part of BIUD's 100% renewable
12 initiative discussed in Mr. Wright's testimony.
- 13 5. Energy Purchased under BIUD's Cabot/Turners hydro project purchase is
14 projected to be \$31,674 for the 12-month period. During this filing, the REC
15 related to the energy purchased under BIUD's Cabot/Turners hydro project will
16 like the Gravel Pit Solar will not be exercised.
- 17 6. Cost of \$161,634 to purchase "New" and "Existing" RECs to meet the 28%
18 Rhode Island Renewable Energy Standard ("RES") as discussed in Mr Wright's
19 and Mr. Kieny's testimony. The calculation is provided on Attachment 1a as
20 discussed in Mr. Kieny testimony.
- 21 7. Cost of \$52,319 to purchase "Existing" RECs to meet the 100% renewable above
22 the 28% RES as discussed in Mr Wright's and Mr. Kieny's testimony. The
23 calculation is provided on Attachment 1a as discussed in Mr. Kieny's testimony.
- 24 8. Annual donation from Block Island Solar Initiative to reimburse the cost of
25 \$52,319 to the purchase of the "Existing" RECs as discussed in Mr Wright's and
26 Mr. Kieny's testimony.
- 27 9. The last category under Energy Costs is the ISO Net Position. This reflects
28 projections by ENE for BIUD's load following contract and BIUD's allotment
29 from NYPA. This is a balancing account to reflect balancing between the
30 allotment and the required bilateral purchase. The ISO Net Position Charges are a
31 cost of \$50,626 for the 12-month period.

- 1 10. ISO Capacity Charges are \$269,473 for the 12-month period. The Capacity
2 Charges forecast prepared by ENE has been updated to reflect the 2023 coincident
3 peak values and rates. Also, ENE has adjusted this number for the NYPA capacity
4 credit.
- 5 11. Fixed NYPA Costs are \$17,827 for the 12-month period.
- 6 12. ISO Ancillary Charges are \$101,924 for the 12-month period.
- 7 13. ISO Annual fee is \$500 for the 12-month period.
- 8 14. Projected Energy New England administrative fee is \$88,498 for the 12-month
9 period.
- 10 15. ISO Transmission Charges are \$456,626 for the 12-month period.
- 11 16. NYPA Transmission Charges are \$56,301 for the 12-month period.
- 12 17. National Grid's Connection Direct Assignment Facilities (DAF) Charge covers
13 interconnection facilities and associated equipment. This covers the
14 interconnection facilities and equipment located in National Grid's substation and
15 the line connecting to BIUD's substation. This cost is based on a Gross Plant
16 investment with a carrying charge. The charge for the 12-month period is
17 \$338,136. This represents the actual costs Rhode Island Energy has invoiced
18 BIUD. (See Attachment 13).
- 19 18. National Grid Cable Surcharge represents the socialized cost to BIUD for the
20 construction of the undersea cable (BIUD's Share Percentage). This cost is based
21 on Gross Plant investment with a carrying charge. The monthly charge is
22 approximately \$2,850 per month. The estimated charge for the 12-month period is
23 \$34,200.
- 24 19. National Grid's Transformer Surcharge was calculated using a peak of 5,311 kW
25 and a monthly rate of \$0.44/kW. These amounts are the same as BIUD's invoice
26 for the last month included in Attachment 15. The charge for the 12-month period
27 is \$27,804.
- 28 20. National Grid's Meter Surcharge was calculated at a monthly rate of \$1.33. These
29 amounts are the same as BIUD's invoice for the last month included in
30 Attachment 15. The charge for the 12-month period is \$16.

1 21. National Grid's Rolled in Distribution Surcharge was calculated using BIUD's
2 previous year peak of 5,311 kW and a monthly rate of \$2.77/kW. These amounts
3 are the same as BIUD's invoice for the last month included in Attachment 15. The
4 charge for the 12-month period is \$176,544.

5 22. National Grid's Pooled Transmission Facilities (PTF), Non-PTF and Load
6 Dispatch charges were calculated using the estimated monthly coincident network
7 load. The charge for the 12-month period is \$76,236.

8

9 **Q. Can you provide an explanation of the interconnection charges mentioned on**
10 **Attachment 2?**

11 A. Pursuant to the R.I. General Laws 39-26-1-7(g), BIUD has incurred costs related to
12 its substation which were necessary as part of the interconnection. The interconnection
13 plant costs were amortized over a 6-year period to be consistent with how the Cable and
14 DAF are recovered in National Grid's Transmission Charges.

15

16 **Q. Mr. Bebyn, is the BIUD seeking to recover any interconnection charges in this**
17 **filing?**

18 A. No. Interconnection charges amortization ended with the filing for the Docket #5245.

19

20 **Q. How did you calculate your projected Power Supply Service and Transmission**
21 **Charges?**

22 A. I have attached Schedule DGB-1. This Schedule utilizes the power purchase costs
23 and associated costs from Attachments 1 & 2. There is also an adjustment for the
24 reconciliation of the prior 12-month rates less the amount held for reserve which is
25 calculated on Schedule DGB-4. The true-up of actual results and estimates used in the
26 prior twelve months reconciliation period of January 2021 through December 2022 is
27 presented on Attachment 5. The costs and reconciling balances are then divided by the
28 forecast electric sales kWh shown on Schedule DGB-2. I have used a two-year average
29 and then increased it for a 2% growth for the forecast. The 2% growth was a
30 recommendation from ENE based upon their forecast of the projected load forecast. It
31 should be noted that the proposed line loss resulting from the budgeted kWh sales vs

1 projected load on Attachment 1 are shown on Schedule DGB-2. The Prior year had an
2 estimated 13.02% of Line loss and plant use while the current proposal uses 13.12%.
3 Both of these reflect the reduction in line losses from prior to CY 2022 with the
4 completion of the voltage conversion project.

5
6 **Q. Did you prepare any other schedules?**

7 A. Yes, I did. I prepared a monthly cash flow projection based upon the proposed rates.
8 This projection is presented on Schedule DGB-3. This Schedule separately lists the flows
9 for Power Supply Service costs (Last Resort Service) and the Transmission Charges.

10
11 **Q. Did you prepare new Tariffs to reflect these new rates?**

12 A. Yes, I did. I amended the current Power Supply Service and Transmission charges as
13 reflected on the Power Supply Service and Transmission Tariff.

14
15 **Q. Did you make any other changes to BIUD's other tariffs?**

16 A. No.

17
18 **Q. Mr. Bebyn, was there any change to the Fuel Adjustment Clause tariff?**

19 A. No.

20
21 **Q. What are the proposed factors, and what impact will they have on a residential
22 customer using 500 kilowatt-hours of electricity?**

23 A. The proposed rates are presented in the table below. Based on these assumptions, a
24 residential customer using 500 Kilowatt-hours for a given month would currently pay (1)
25 \$145.85 during November through April, (2) \$172.35 during May, June, September and
26 October, and (3) \$243.60 during July and August. Under the proposed new rates, the
27 customer's bills would increase to (1) \$153.62 during November through April (which is
28 an increase of \$7.77), (2) \$180.12 during May, June, September and October (which is an
29 increase of \$7.77), and (3) \$251.37 during July through August (which is an increase of
30 \$7.77). The decreases are calculated by multiplying the total difference in the tables
31 below by 500 Kilowatt-hours.

1 Off-Peak

Factor...Nov-April	Current	Proposed	Difference
Standard Offer	\$0.1036	\$0.1203	\$0.0167
Transmission	0.0786	0.0775	(0.0011)
Fuel Adjustment	0.0000	0.0000	0.0000
TOTAL	\$0.1822	\$0.1977	\$0.0155

2

3 Shoulder

Factor May & Oct	Current	Proposed	Difference
Standard Offer	\$0.1036	\$0.1203	\$0.0167
Transmission	0.0786	0.0775	(0.0011)
Fuel Adjustment	0.0000	0.0000	0.0000
TOTAL	\$0.1822	\$0.1977	\$0.0155

4

5 Peak

Factor July & Aug	Current	Proposed	Difference
Standard Offer	\$0.1036	\$0.1203	\$0.0167
Transmission	0.0786	0.0775	(0.0011)
Fuel Adjustment	0.0000	0.0000	0.0000
TOTAL	\$0.1822	\$0.1977	\$0.0155

6

7 **Q. Mr. Bebyn, when are you asking to have these rates for the next 12-month**
8 **period go into effect?**

9 A. Since the summary covers 12 months of purchase power for January 1st, 2024 through
10 December 31st, 2024, we would ask for new rates to become effective on January 1st,
11 2024.

12

13 **Q. Does that conclude your testimony?**

14 A. Yes.

15

Schedules and Attachments
in support of the Direct Testimony of
David G. Bebyn CPA
Twelve Month Last Resort Service and Transmission
Rate Reconciliation and Request for New Rates

Block Island Utility District
Docket No. _____

November 10, 2023

Power Supply Service & Transmission Cost
Rate Calculation
Block Island Power Company

Schedule DGB-1
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

Power Supply Service

Total Energy Costs	1,292,698	See Attachment-1
Total Capacity/Other Costs	477,591	See Attachment-1
Total Other Costs	-	See Attachment-2
Less Over Collections		
December-22 Reconciliation estimates to actual variance	(8,403)	See Attachment-5
December-23 Reconciliation (net of Reserve request)	40,513	See Schedule DGB-4
Subtotal	1,738,180	
Subtotal to recover (No Gross Receipts Tax)	1,738,180	(A)
Estimated Sales (MWH) to Customers	14,454	See Schedule DGB-2
Cost per MWH	\$ 120.25	
Cost per KWH	\$ 0.1203	

Transmission Charges

Transmission costs	1,165,863	See Attachment-1
Less Over Collections		
December-22 Reconciliation estimates to actual variance	1,725	See Attachment-5
December-23 Reconciliation (net of Reserve request)	44,123	See Schedule DGB-4
Subtotal	1,120,015	
Subtotal to recover (No Gross Receipts Tax)	1,120,015	(B)
Estimated Sales (MWH) to Customers	14,454	See Schedule DGB-2
Cost per MWH	\$ 77.49	
Cost per KWH	\$ 0.0775	
Total		
Cost per MWH	\$ 197.74	
Cost per KWH	\$ 0.1977	

<u>Updated Net Metering rate based upon this filing</u>		
	Costs	
Power Supply Costs	1,738,180	(A)
BIUD interconnection	-	See Attachment-2
Power Supply Service portion of Net Metering Credit	1,738,180	
Transmission Costs per Settlement Schedule-1	1,120,015	(B)
DAF Costs	(338,136)	See Attachment-1
BITS Costs	(34,200)	See Attachment-1
Transmission portion of Net Metering Credit	747,679	
Total Costs Assigned to Net Metering Credit	2,485,859	
Estimated Sales (MWH) to Customers	14,454	See Schedule DGB-2
Total Net Metering Credit per MWH	\$ 171.98	172.78
Cost per KWH	\$ 0.1720	

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

**Schedule DGB-2
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024**

Estimated Sales (Two year average by month)	Ending December-21	Ending December-22	Ending December-23	Projected		2%
	(A)	(B)	(C)	(B+C)/2	X	
January	878,879	923,494	879,254	919,401		Jan-24
February	839,233	768,270	868,951	834,983		Feb-24
March	777,962	774,904	795,450	800,881		Mar-24
April	778,866	736,036	762,866	764,440		Apr-24
May	969,895	954,857	959,810	976,480		May-24
June	1,348,806	1,371,593	1,340,858	1,383,350		Jun-24
July	2,155,158	2,239,426	2,383,072	2,357,474		Jul-24
August	2,197,610	2,392,958	2,099,135	2,290,967		Aug-24
September	1,510,833	1,476,389	1,527,700	1,532,085		Sep-24
October	909,765	954,467	954,467	973,556		Oct-24
November	748,430	727,948	727,948	742,507		Nov-24
December	789,801	860,896	860,896	878,114		Dec-24
	<u>13,905,238</u>	<u>14,181,238</u>	<u>14,160,407</u>	<u>14,454,239</u>		
			99.9%			

12 month estimated KWH Sales for Rate period

14,454,239

Project Load (See Attachment 1)

16,636,947

% of Line Loss and Plant Use

13.12%

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

FY 2023
14,160,407
16,280,152.00
13.02%

Forecast Cumulative Over/(Under) Collection-Total
Block Island Power Company

Schedule DGB-3
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024
Page 1 of 2

	Starting Balance	Revenue	Expense	Monthly Change	Cumulative
Jan-24	\$ 77,957	\$ 181,803	\$ 195,347	\$ (13,543)	\$ 64,414
Feb-24	\$ 64,414	\$ 165,110	\$ 199,866	\$ (34,756)	\$ 29,658
Mar-24	\$ 29,658	\$ 158,367	\$ 192,398	\$ (34,031)	\$ (4,372)
Apr-24	\$ (4,372)	\$ 151,161	\$ 175,104	\$ (23,943)	\$ (28,316)
May-24	\$ (28,316)	\$ 193,090	\$ 190,171	\$ 2,919	\$ (25,396)
Jun-24	\$ (25,396)	\$ 273,545	\$ 261,523	\$ 12,022	\$ (13,375)
Jul-24	\$ (13,375)	\$ 466,169	\$ 378,858	\$ 87,311	\$ 73,937
Aug-24	\$ 73,937	\$ 453,018	\$ 394,099	\$ 58,919	\$ 132,856
Sep-24	\$ 132,856	\$ 302,956	\$ 321,076	\$ (18,120)	\$ 114,737
Oct-24	\$ 114,737	\$ 192,512	\$ 237,760	\$ (45,248)	\$ 69,488
Nov-24	\$ 69,488	\$ 146,824	\$ 186,197	\$ (39,373)	\$ 30,116
Dec-24	\$ 30,116	\$ 173,639	\$ 203,755	\$ (30,116)	\$ (0)
	Period Cumulative Over/(Under) Collection				\$ (77,957)

Power Supply Service - Only

	Starting Balance	Revenue	Expense	Monthly Change	Cumulative
Jan-24	\$ 32,110 A	\$ 110,562	\$ 119,009	\$ (8,447)	\$ 23,663
Feb-24	\$ 23,663	\$ 100,410	\$ 112,080	\$ (11,670)	\$ 11,992
Mar-24	\$ 11,992	\$ 96,309	\$ 104,332	\$ (8,023)	\$ 3,969
Apr-24	\$ 3,969	\$ 91,927	\$ 93,833	\$ (1,906)	\$ 2,063
May-24	\$ 2,063	\$ 117,426	\$ 112,629	\$ 4,797	\$ 6,860
Jun-24	\$ 6,860	\$ 166,353	\$ 169,804	\$ (3,451)	\$ 3,409
Jul-24	\$ 3,409	\$ 283,496	\$ 266,170	\$ 17,325	\$ 20,734
Aug-24	\$ 20,734	\$ 275,498	\$ 255,940	\$ 19,558	\$ 40,292
Sep-24	\$ 40,292	\$ 184,239	\$ 187,032	\$ (2,793)	\$ 37,500
Oct-24	\$ 37,500	\$ 117,074	\$ 121,547	\$ (4,473)	\$ 33,027
Nov-24	\$ 33,027	\$ 89,289	\$ 104,165	\$ (14,876)	\$ 18,152
Dec-24	\$ 18,152	\$ 105,597	\$ 123,748	\$ (18,152)	\$ (0)
	Period Cumulative Over/(Under) Collection				\$ (32,110)

(Settlement Attachment - 1) (Settlement Attachment -2)

	Forecast KWH (Settlement Schedule-2)	Standard Offer Rate (Settlement Schedule-1)	Standard Offer Revenue	Total Energy Costs	Total Capacity/ Other Costs	Total Other Costs	Gross Receipts Tax	Total Expense
Jan-24	919,401	\$ 0.1203	\$ 110,562	\$ 81,155	\$ 37,854	\$ -	\$ -	\$ 119,009
Feb-24	834,983	\$ 0.1203	\$ 100,410	\$ 75,490	\$ 36,591	\$ -	\$ -	\$ 112,080
Mar-24	800,881	\$ 0.1203	\$ 96,309	\$ 73,044	\$ 31,288	\$ -	\$ -	\$ 104,332
Apr-24	764,440	\$ 0.1203	\$ 91,927	\$ 63,315	\$ 30,517	\$ -	\$ -	\$ 93,833
May-24	976,480	\$ 0.1203	\$ 117,426	\$ 80,619	\$ 32,010	\$ -	\$ -	\$ 112,629
Jun-24	1,383,350	\$ 0.1203	\$ 166,353	\$ 122,704	\$ 47,101	\$ -	\$ -	\$ 169,804
Jul-24	2,357,474	\$ 0.1203	\$ 283,496	\$ 219,239	\$ 46,931	\$ -	\$ -	\$ 266,170
Aug-24	2,290,967	\$ 0.1203	\$ 275,498	\$ 209,405	\$ 46,535	\$ -	\$ -	\$ 255,940
Sep-24	1,532,085	\$ 0.1203	\$ 184,239	\$ 143,980	\$ 43,052	\$ -	\$ -	\$ 187,032
Oct-24	973,556	\$ 0.1203	\$ 117,074	\$ 81,269	\$ 40,277	\$ -	\$ -	\$ 121,547
Nov-24	742,507	\$ 0.1203	\$ 89,289	\$ 64,544	\$ 39,621	\$ -	\$ -	\$ 104,165
Dec-24	878,114	\$ 0.1203	\$ 105,597	\$ 77,935	\$ 45,813	\$ -	\$ -	\$ 123,748
	<u>14,454,239</u>		<u>\$ 1,738,180</u>	<u>\$ 1,292,698</u>	<u>\$ 477,591</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,770,290</u>

A Starting Balance obtained from Schedule-4 and Attachment 5

	Power Supply Service
See Settlement Schedule-4	\$ 40,513
See Settlement Attachment-5	\$ (8,403)
	<u>\$ 32,110</u>

Forecast Cumulative Over/(Under) Collection-Total
Block Island Power Company

Schedule DGB-3
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024
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Transmission Charges - Only

	Starting Balance	Revenue	Expense	Monthly Change	Cumulative
Jan-24	\$ 45,847 A	\$ 71,242	\$ 76,338	\$ (5,096)	\$ 40,751
Feb-24	\$ 40,751	\$ 64,700	\$ 87,785	\$ (23,085)	\$ 17,666
Mar-24	\$ 17,666	\$ 62,058	\$ 88,066	\$ (26,008)	\$ (8,341)
Apr-24	\$ (8,341)	\$ 59,234	\$ 81,272	\$ (22,038)	\$ (30,379)
May-24	\$ (30,379)	\$ 75,664	\$ 77,542	\$ (1,877)	\$ (32,256)
Jun-24	\$ (32,256)	\$ 107,192	\$ 91,719	\$ 15,472	\$ (16,784)
Jul-24	\$ (16,784)	\$ 182,674	\$ 112,687	\$ 69,986	\$ 53,202
Aug-24	\$ 53,202	\$ 177,520	\$ 138,159	\$ 39,362	\$ 92,564
Sep-24	\$ 92,564	\$ 118,717	\$ 134,044	\$ (15,327)	\$ 77,237
Oct-24	\$ 77,237	\$ 75,438	\$ 116,214	\$ (40,776)	\$ 36,461
Nov-24	\$ 36,461	\$ 57,535	\$ 82,032	\$ (24,497)	\$ 11,964
Dec-24	\$ 11,964	\$ 68,042	\$ 80,006	\$ (11,964)	\$ (0)
		Period Cumulative Over/(Under) Collection	\$ (45,847)		

(Settlement Attachment -1)

	Forecast KWH (Settlement Schedule-2)	Transmission Charge Rate (Settlement Schedule-1)	Transmission Charge Revenue	Total Energy Costs	Gross Receipts Tax	Total Expense
Jan-24	919,401	\$ 0.0775	\$ 71,242	\$ 76,338	\$ -	\$ 76,338
Feb-24	834,983	\$ 0.0775	\$ 64,700	\$ 87,785	\$ -	\$ 87,785
Mar-24	800,881	\$ 0.0775	\$ 62,058	\$ 88,066	\$ -	\$ 88,066
Apr-24	764,440	\$ 0.0775	\$ 59,234	\$ 81,272	\$ -	\$ 81,272
May-24	976,480	\$ 0.0775	\$ 75,664	\$ 77,542	\$ -	\$ 77,542
Jun-24	1,383,350	\$ 0.0775	\$ 107,192	\$ 91,719	\$ -	\$ 91,719
Jul-24	2,357,474	\$ 0.0775	\$ 182,674	\$ 112,687	\$ -	\$ 112,687
Aug-24	2,290,967	\$ 0.0775	\$ 177,520	\$ 138,159	\$ -	\$ 138,159
Sep-24	1,532,085	\$ 0.0775	\$ 118,717	\$ 134,044	\$ -	\$ 134,044
Oct-24	973,556	\$ 0.0775	\$ 75,438	\$ 116,214	\$ -	\$ 116,214
Nov-24	742,507	\$ 0.0775	\$ 57,535	\$ 82,032	\$ -	\$ 82,032
Dec-24	878,114	\$ 0.0775	\$ 68,042	\$ 80,006	\$ -	\$ 80,006
	<u>14,454,239</u>		<u>\$ 1,120,015</u>	<u>\$ 1,165,863</u>	<u>\$ -</u>	<u>\$ 1,165,863</u>

A Starting Balance obtained from Schedule-4 and Attachment 5

	Transmission Costs
See Settlement Schedule-4	\$ 44,123
See Settlement Attachment-5	\$ 1,725
	<u>\$ 45,847</u>

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

Schedule DGB-4
page 1 of 3
CY 2023
12 month Recalculation for
Rates Effective Jan 1, 2024

	December-23 Reconciliation Over/(Under) Collection	Amount requested to be held back in Reserve	Over/(Under) Collection net of reserve
Power Supply Service - Only	\$ 40,513	\$ -	\$ 40,513
Transmission Charges - Only	\$ 44,123	\$ -	\$ 44,123
	<u>\$ 84,636</u>	<u>\$ -</u>	<u>\$ 84,636</u>

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

Schedule DGB-4
page 2 of 3

CY 2023
12 month Recalculation for
Rates Effective Jan 1, 2024

POWER SUPPLY SERVICE - Only

	Starting Balance	Revenue	Expense	Monthly Change	Cumulative
Jan-23	\$ 25,161	\$ 91,091	\$ 89,983	\$ 1,108	\$ 26,269
Feb-23	\$ 26,269	\$ 90,023	\$ 96,447	\$ (6,423)	\$ 19,846
Mar-23	\$ 19,846	\$ 82,409	\$ 96,469	\$ (14,061)	\$ 5,785
Apr-23	\$ 5,785	\$ 79,033	\$ 80,637	\$ (1,604)	\$ 4,181
May-23	\$ 4,181	\$ 99,436	\$ 101,196	\$ (1,760)	\$ 2,421
Jun-23	\$ 2,421	\$ 138,913	\$ 144,134	\$ (5,222)	\$ (2,801)
Jul-23	\$ (2,801)	\$ 246,886	\$ 213,636	\$ 33,250	\$ 30,450
Aug-23	\$ 30,450	\$ 217,470	\$ 194,722	\$ 22,748	\$ 53,198
Sep-23	\$ 53,198	\$ 158,270	\$ 151,485	\$ 6,785	\$ 59,983
Oct-23	\$ 59,983	\$ 98,883	\$ 101,618	\$ (2,735)	\$ 57,247
Nov-23	\$ 57,247	\$ 75,415	\$ 89,887	\$ (14,472)	\$ 42,776
Dec-23	\$ 42,776	\$ 89,189	\$ 91,452	\$ (2,263)	\$ 40,513
		Period Cumulative Over/(Under) Collection		\$ 15,352	

Dec 2022 Reconciliation Over/(Under) Collection	\$ 25,161	(12 Month Recon. 12/22)
Current Reconciliation Cumulative Over/(Under) Collection	\$ 15,352	
Dec 2023 Reconciliation Over/(Under) Collection	\$ 40,513	

	Actual KWH (Attachment-4)	Standard Offer Rate (A)	Standard Offer Revenue	Attachment - 7		Attachment-8		Gross Receipts Tax	Total Expense
				Total Energy Costs	Total Capacity/ Other Costs	Total Other Costs	Total		
Jan-23	879,254	\$ 0.1036	\$ 91,091	\$ 54,024	\$ 35,009	\$ 950	\$ 89,983		
Feb-23	868,951	\$ 0.1036	\$ 90,023	\$ 51,690	\$ 43,850	\$ 907	\$ 96,447		
Mar-23	795,450	\$ 0.1036	\$ 82,409	\$ 53,854	\$ 41,681	\$ 934	\$ 96,469		
Apr-23	762,866	\$ 0.1036	\$ 79,033	\$ 47,391	\$ 32,419	\$ 828	\$ 80,637		
May-23	959,810	\$ 0.1036	\$ 99,436	\$ 69,246	\$ 30,916	\$ 1,034	\$ 101,196		
Jun-23	1,340,858	\$ 0.1036	\$ 138,913	\$ 108,116	\$ 34,533	\$ 1,486	\$ 144,134		
Jul-23	2,383,072	\$ 0.1036	\$ 246,886	\$ 188,911	\$ 22,136	\$ 2,588	\$ 213,636		
Aug-23	2,099,135	\$ 0.1036	\$ 217,470	\$ 157,514	\$ 35,032	\$ 2,177	\$ 194,722		
Sep-23	1,527,700	\$ 0.1036	\$ 158,270	\$ 118,667	\$ 31,173	\$ 1,645	\$ 151,485		
Oct-23	954,467	\$ 0.1036	\$ 98,883	\$ 67,809	\$ 32,835	\$ 974	\$ 101,618		
Nov-23	727,948	\$ 0.1036	\$ 75,415	\$ 57,022	\$ 32,047	\$ 818	\$ 89,887		
Dec-23	860,896	\$ 0.1036	\$ 89,189	\$ 62,606	\$ 27,881	\$ 964	\$ 91,452		
	<u>14,160,407</u>		<u>\$ 1,467,018</u>				<u>\$ 1,451,666</u>		

(A) Jan 23 thru Dec 2023 - Rates approved and effective 1-1-23 (Recon. 12/22)

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

Schedule DGB-4
page 3 of 3
CY 2023

12 month Recalculation for
Rates Effective Jan 1, 2024

Transmission Charges - Only

	Starting Balance	Revenue	Expense	Monthly Change	Cumulative
Jan-23	\$ 40,427	\$ 69,109	\$ 85,319	\$ (16,210)	\$ 24,217
Feb-23	\$ 24,217	\$ 68,300	\$ 84,196	\$ (15,897)	\$ 8,320
Mar-23	\$ 8,320	\$ 62,522	\$ 80,714	\$ (18,192)	\$ (9,872)
Apr-23	\$ (9,872)	\$ 59,961	\$ 71,384	\$ (11,423)	\$ (21,295)
May-23	\$ (21,295)	\$ 75,441	\$ 52,645	\$ 22,796	\$ 1,501
Jun-23	\$ 1,501	\$ 105,391	\$ 101,982	\$ 3,409	\$ 4,910
Jul-23	\$ 4,910	\$ 187,309	\$ 129,570	\$ 57,740	\$ 62,650
Aug-23	\$ 62,650	\$ 164,992	\$ 110,283	\$ 54,709	\$ 117,359
Sep-23	\$ 117,359	\$ 120,077	\$ 123,285	\$ (3,208)	\$ 114,151
Oct-23	\$ 114,151	\$ 75,021	\$ 111,075	\$ (36,054)	\$ 78,097
Nov-23	\$ 78,097	\$ 57,217	\$ 80,976	\$ (23,759)	\$ 54,338
Dec-23	\$ 54,338	\$ 67,666	\$ 77,882	\$ (10,216)	\$ 44,123
Period Cumulative Over/(Under) Collection				\$ 3,696	

Dec 2022 Reconciliation Over/(Under) Collection	\$ 40,427	(12 Month Recon. 12/22)
Current Reconciliation Cumulative Over/(Under) Collection	\$ 3,696	
Dec 2023 Reconciliation Over/(Under) Collection	\$ 44,123	

Attachment-7

	Actual KWH (Attachment-4)	Transmission Charge Rate (A)	Transmission Charge Revenue	Total Energy Costs	Gross Receipts Tax	Total Expense
Jan-23	879,254	\$ 0.0786	\$ 69,109	\$ 85,319		\$ 85,319
Feb-23	868,951	\$ 0.0786	\$ 68,300	\$ 84,196		\$ 84,196
Mar-23	795,450	\$ 0.0786	\$ 62,522	\$ 80,714		\$ 80,714
Apr-23	762,866	\$ 0.0786	\$ 59,961	\$ 71,384		\$ 71,384
May-23	959,810	\$ 0.0786	\$ 75,441	\$ 52,645		\$ 52,645
Jun-23	1,340,858	\$ 0.0786	\$ 105,391	\$ 101,982		\$ 101,982
Jul-23	2,383,072	\$ 0.0786	\$ 187,309	\$ 129,570		\$ 129,570
Aug-23	2,099,135	\$ 0.0786	\$ 164,992	\$ 110,283		\$ 110,283
Sep-23	1,527,700	\$ 0.0786	\$ 120,077	\$ 123,285		\$ 123,285
Oct-23	954,467	\$ 0.0786	\$ 75,021	\$ 111,075		\$ 111,075
Nov-23	727,948	\$ 0.0786	\$ 57,217	\$ 80,976		\$ 80,976
Dec-23	860,896	\$ 0.0786	\$ 67,666	\$ 77,882		\$ 77,882
	<u>14,160,407</u>		<u>\$ 1,113,008</u>			<u>\$ 1,109,312</u>

(A) Jan 23 thru Dec 2023 - Rates approved and effective 1-1-23 (Recon. 12/22)

Reconciliation of Forecast to Actual
Block Island Power Company

Schedule DGB-5
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

Month	(a)			(c)			(d)		
	Energy Cost Budget	Energy Cost Actual	Difference	Purchased Energy (MWH) Budget	Purchased Energy (MWH) Actual	Difference	Budget Cost per MWH	Actual Cost per MWH	
Jan-23	\$ 187,952	\$ 175,302	\$ 12,650	1,091	1,010	81	\$ 172.27	\$ 173.53	
Feb-23	\$ 173,879	\$ 180,643	\$ (6,764)	895	965	(70)	\$ 194.28	\$ 187.21	
Mar-23	\$ 166,580	\$ 177,184	\$ (10,604)	932	994	(62)	\$ 178.73	\$ 178.30	
Apr-23	\$ 159,796	\$ 152,022	\$ 7,774	862	880	(18)	\$ 185.38	\$ 172.69	
May-23	\$ 181,162	\$ 153,841	\$ 27,321	1,086	1,100	(14)	\$ 166.82	\$ 139.89	
Jun-23	\$ 229,954	\$ 246,117	\$ (16,163)	1,564	1,580	(16)	\$ 147.03	\$ 155.73	
Jul-23	\$ 327,732	\$ 343,206	\$ (15,474)	2,522	2,753	(231)	\$ 129.95	\$ 124.65	
Aug-23	\$ 358,372	\$ 305,005	\$ 53,367	2,667	2,316	351	\$ 134.37	\$ 131.70	
Sep-23	\$ 280,978	\$ 274,770	\$ 6,208	1,704	1,750	(46)	\$ 164.89	\$ 157.06	
Oct-23	\$ 209,562	\$ 212,693	\$ (3,131)	1,091	1,091	-	\$ 192.08	\$ 194.95	
Nov-23	\$ 162,723	\$ 170,863	\$ (8,140)	894	894	-	\$ 182.02	\$ 191.12	
Dec-23	\$ 179,252	\$ 169,334	\$ 9,918	999	999	-	\$ 179.43	\$ 169.50	
Total	\$ 2,617,942	\$ 2,560,979	\$ 56,963 5.53%	16,307	16,332	(25) 0.00%			
Average Cost Per MWH							\$ 253.41	\$ 247.04	

	(e)		(f)		Difference
	Energy (MWH) Sold Budget	Energy (MWH) Sold Actual	Energy (MWH) Sold Budget	Energy (MWH) Sold Actual	
Jan-23		901		879	(22)
Feb-23		804		869	65
Mar-23		776		795	19
Apr-23		758		763	5
May-23		962		960	(2)
Jun-23		1,360		1,341	(19)
Jul-23		2,197		2,383	186
Aug-23		2,295		2,099	(196)
Sep-23		1,494		1,528	34
Oct-23		932		932	-
Nov-23		738		738	-
Dec-23		790		790	-
Total		14,007		14,077	70 0.50%

(a) obtained from Attachment 1 & Attachment 2 from the 12/22 Reconciliation (Docket 22-44-EL)

(b) obtained from Attachment 7 & Attachment 8

(c) obtained from Attachment 1 for the 12/22 Reconciliation (Docket 22-44-EL)

(d) obtained from Attachment 10

(e) obtained from Schedule DGB-2 for the 12/22 Reconciliation (Docket 22-44-EL)

(f) obtained from Attachment 4

Forecast Purchase Power Costs Block Island Power Company

Attachment 1

CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

Purchase Power Projections

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Totals
Load (Energy Purchased)	1,045	983	993	881	1,097	1,577	2,743	2,641	1,748	1,037	869	1,023	16,637 *
MWH													
Bilateral Purchase	773	728	735	652	812	1,340	2,331	2,245	1,486	767	643	757	13,269
NYPA Purchase	138	137	135	150	130	132	147	155	143	135	124	117	1,642
BIUD Solar (Project)	4	6	10	12	15	11	15	12	11	7	5	4	111
Gravel Pit Solar II	-	-	-	-	-	-	-	-	-	-	-	-	-
Gravel Pit Solar III	-	-	-	-	-	-	32	32	25	14	13	8	123
Cabot/Tuners (First Light)	64	52	66	78	76	56	46	37	30	54	61	65	686
ISO Adjusted net Interchange	65	62	48	(10)	64	38	171	160	53	58	23	73	805
Total Net Purchases MWH	1,045	983	993	881	1,097	1,577	2,743	2,641	1,748	1,037	869	1,023	16,637

Energy Costs See Attachment-3

Shell	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50
py BIUD SO rate	\$ 172.78	\$ 172.78	\$ 172.78	\$ 172.78	\$ 172.78	\$ 172.78	\$ 172.78	\$ 172.78					
Bilateral Purchase	\$ 59,152	\$ 55,656	\$ 56,204	\$ 49,879	\$ 62,128	\$ 102,534	\$ 178,337	\$ 171,722	\$ 113,678	\$ 58,698	\$ 49,178	\$ 57,933	\$ 1,015,100
NYPA Purchase	\$ 681	\$ 672	\$ 663	\$ 736	\$ 641	\$ 650	\$ 723	\$ 761	\$ 704	\$ 667	\$ 610	\$ 573	\$ 8,081
BIUD Solar (Project)	\$ 718	\$ 983	\$ 1,667	\$ 2,062	\$ 2,603	\$ 1,816	\$ 2,510	\$ 2,137	\$ 1,818	\$ 1,276	\$ 942	\$ 654	\$ 19,185
Gravel Pit Solar II	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Gravel Pit Solar III	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,672	\$ 1,654	\$ 1,296	\$ 717	\$ 666	\$ 394	\$ 6,398
Cabot/Tuners (First Light)	\$ 2,978	\$ 2,400	\$ 3,001	\$ 3,570	\$ 3,525	\$ 2,552	\$ 2,157	\$ 1,725	\$ 1,424	\$ 2,538	\$ 2,813	\$ 2,991	\$ 31,674
Projected Class "New" REC													
Cost (28% RI RPS)	\$ 9,201	\$ 8,657	\$ 8,742	\$ 7,758	\$ 9,664	\$ 13,885	\$ 24,150	\$ 24,150	\$ 23,254	\$ 15,394	\$ 9,130	\$ 7,649	\$ 161,634
Projected Class "Existing"													
REC Cost (72%)	\$ 2,978	\$ 2,802	\$ 2,830	\$ 2,511	\$ 3,128	\$ 4,494	\$ 7,817	\$ 7,817	\$ 7,527	\$ 4,983	\$ 2,955	\$ 2,476	\$ 52,319
Reimb from BI Solar Initiative	\$ (2,978)	\$ (2,802)	\$ (2,830)	\$ (2,511)	\$ (3,128)	\$ (4,494)	\$ (7,817)	\$ (7,817)	\$ (7,527)	\$ (4,983)	\$ (2,955)	\$ (2,476)	\$ (52,319)
ISO Net Position	\$ 8,424	\$ 7,122	\$ 2,768	\$ (691)	\$ 2,057	\$ 1,267	\$ 9,690	\$ 7,257	\$ 1,806	\$ 1,980	\$ 1,205	\$ 7,741	\$ 50,626
Total Energy Costs	\$ 81,155	\$ 75,490	\$ 73,044	\$ 63,315	\$ 80,619	\$ 122,704	\$ 219,239	\$ 209,405	\$ 143,980	\$ 81,269	\$ 64,544	\$ 77,935	\$ 1,292,698

Capacity/Other Costs

ISO FCM Charges net of													
NYPA CAP credit	\$ 15,583	\$ 15,583	\$ 15,583	\$ 15,583	\$ 15,583	\$ 27,365	\$ 27,365	\$ 27,365	\$ 27,365	\$ 27,365	\$ 27,365	\$ 27,365	\$ 269,473
NYPA Fixed Costs	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 17,827
ISO Ancillary/Schedule													
Charges	\$ 12,917	\$ 12,154	\$ 6,852	\$ 6,081	\$ 7,574	\$ 10,882	\$ 10,699	\$ 10,302	\$ 6,820	\$ 4,045	\$ 3,389	\$ 9,581	\$ 101,294
ISO Annual Fee	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500
Projected ENE Fees	\$ 7,368	\$ 7,368	\$ 7,368	\$ 7,368	\$ 7,368	\$ 7,368	\$ 7,382	\$ 7,382	\$ 7,382	\$ 7,382	\$ 7,382	\$ 7,382	\$ 88,498
Total Capacity/Other Costs	\$ 37,854	\$ 36,591	\$ 31,288	\$ 30,517	\$ 32,010	\$ 47,101	\$ 46,931	\$ 46,535	\$ 43,052	\$ 40,277	\$ 39,621	\$ 45,813	\$ 477,591

Transmission Costs

ISO Transmission Charges	\$ 20,994	\$ 28,206	\$ 29,346	\$ 24,084	\$ 21,990	\$ 30,725	\$ 52,078	\$ 72,689	\$ 70,370	\$ 56,266	\$ 27,543	\$ 22,334	\$ 456,626
NYPA Transmission Costs	\$ 3,618	\$ 6,995	\$ 5,952	\$ 5,265	\$ 3,965	\$ 7,759	\$ 3,777	\$ 5,164	\$ 3,759	\$ 2,408	\$ 1,789	\$ 5,851	\$ 56,301
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	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 34,200
National Grid Transformer													
Surcharges	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 27,804
National Grid Meter													
Surcharge	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 16
National Grid Rolled in													
Distribution	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 176,544
National Grid PTF, Non-PTF													
and Load Dispatch Charges	\$ 3,667	\$ 4,526	\$ 4,709	\$ 3,865	\$ 3,529	\$ 5,177	\$ 8,775	\$ 12,247	\$ 11,857	\$ 9,480	\$ 4,641	\$ 3,763	\$ 76,236
Total Transmission Costs	\$ 76,338	\$ 87,785	\$ 88,066	\$ 81,272	\$ 77,542	\$ 91,719	\$ 112,687	\$ 138,159	\$ 134,044	\$ 116,214	\$ 82,032	\$ 80,006	\$ 1,165,863
Total All-In Costs	\$ 195,347	\$ 199,866	\$ 192,398	\$ 175,104	\$ 190,171	\$ 261,523	\$ 378,858	\$ 394,099	\$ 321,076	\$ 237,760	\$ 186,197	\$ 203,755	\$ 2,936,152

* 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.

**Forecast Purchase Power Costs
Calculation of Class "New" and "Existing" RECs**

Attachment 1a

CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

		<u>2024</u>	
RI RES--Total	RT Load	16,637 (A)	Load from Attachment 1
	28%	4,658 (B)	
RI RES--from Existing Renewable Energy Resources	2%	<u>333 (C)</u>	covered by Cabot/Turner (Existing Renewable)
RI RES--New Renewable Energy Resources	26%	4,326	
	<u>Less</u>		
	Gravel Pit-(New Renewable)	123	
	BIUD Solar-(New Renewable)	<u>111</u>	
	Balance of RI RES from new requirement	4,092	
	Estimate Class "New" REC Price \$	39.50	
	Annual Costs \$	<u><u>161,634.00</u></u>	

Remaining Obligation to meet 100% purchased with Class "Existing" REC	72%	11,979 (A - B)	
	<u>Less</u>		
	Cabot/Turner (Existi	<u>353</u>	Balance of Cabot not used in 2% RPS above Cabot load from Attachment 1 less item C above (686-333)
	Balance of RI RES to 100% renewable	11,626	
	Estimate Class "Existing" REC Price \$	4.50	
	Annual Costs \$	<u><u>52,318.88</u></u>	

	Load by Month per Attachment 1			Total "New" REC Cost by Month	Total "Existing" REC Cost by Month
	% per month				
Jan-24	1,045	0	\$	9,201	\$ 2,978
Feb-24	983	0	\$	8,657	\$ 2,802
Mar-24	993	0	\$	8,742	\$ 2,830
Apr-24	881	0	\$	7,758	\$ 2,511
May-24	1,097	0	\$	9,664	\$ 3,128
Jun-24	1,577	0	\$	13,885	\$ 4,494
Jul-24	2,743	0	\$	24,150	\$ 7,817
Aug-24	2,743	0	\$	24,150	\$ 7,817
Sep-24	2,641	0	\$	23,254	\$ 7,527
Oct-24	1,748	0	\$	15,394	\$ 4,983
Nov-24	1,037	0	\$	9,130	\$ 2,955
Dec-24	869	0	\$	7,649	\$ 2,476
Totals	<u><u>18,356</u></u>	<u><u>1</u></u>	\$	<u><u>161,634</u></u>	\$ <u><u>52,319</u></u>

Forecast Purchase Power Costs without purchase of RECs Block Island Power Company

Attachment 1b

CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

Purchase Power Projections

	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Totals
Load (Energy Purchased)	1,045	983	993	881	1,097	1,577	2,743	2,641	1,748	1,037	869	1,023	16,637 *
MWH													
Bilateral Purchase	773	728	735	652	812	1,340	2,331	2,245	1,486	767	643	757	13,269
NYPA Purchase	138	137	135	150	130	132	147	155	143	135	124	117	1,642
BIUD Solar (Project)	4	6	10	12	15	11	15	12	11	7	5	4	111
Gravel Pit Solar II	-	-	-	-	-	-	-	-	-	-	-	-	-
Gravel Pit Solar III	-	-	-	-	-	-	32	32	25	14	13	8	123
Cabot/Tuners (First Light)	64	52	66	78	76	56	46	37	30	54	61	65	686
ISO Adjusted net Interchange	65	62	48	(10)	64	38	171	160	53	58	23	73	805
Total Net Purchases MWH	1,045	983	993	881	1,097	1,577	2,743	2,641	1,748	1,037	869	1,023	16,637

Energy Costs See Attachment-3

Shell	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50	\$ 76.50
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py BIUD SO rate	\$ 172.78												
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Bilateral Purchase	\$ 59,152	\$ 55,656	\$ 56,204	\$ 49,879	\$ 62,128	\$ 102,534	\$ 178,337	\$ 171,722	\$ 113,678	\$ 58,698	\$ 49,178	\$ 57,933	\$ 1,015,100
NYPA Purchase	\$ 681	\$ 672	\$ 663	\$ 736	\$ 641	\$ 650	\$ 723	\$ 761	\$ 704	\$ 667	\$ 610	\$ 573	\$ 8,081
BIUD Solar (Project)	\$ 718	\$ 983	\$ 1,667	\$ 2,062	\$ 2,603	\$ 1,816	\$ 2,510	\$ 2,137	\$ 1,818	\$ 1,276	\$ 942	\$ 654	\$ 19,185
Gravel Pit Solar II	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Gravel Pit Solar III	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,672	\$ 1,654	\$ 1,296	\$ 717	\$ 666	\$ 394	\$ 6,398
Cabot/Tuners (First Light)	\$ 2,978	\$ 2,400	\$ 3,001	\$ 3,570	\$ 3,525	\$ 2,552	\$ 2,157	\$ 1,725	\$ 1,424	\$ 2,538	\$ 2,813	\$ 2,991	\$ 31,674

ISO Net Position	\$ 8,424	\$ 7,122	\$ 2,768	\$ (691)	\$ 2,057	\$ 1,267	\$ 9,690	\$ 7,257	\$ 1,806	\$ 1,980	\$ 1,205	\$ 7,741	\$ 50,626
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Total Energy Costs	\$ 71,954	\$ 66,833	\$ 64,302	\$ 55,557	\$ 70,955	\$ 108,819	\$ 195,089	\$ 185,256	\$ 120,726	\$ 65,875	\$ 55,413	\$ 70,286	\$ 1,131,064
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Capacity/Other Costs

ISO FCM Charges net of

NYPA CAP credit	\$ 15,583	\$ 15,583	\$ 15,583	\$ 15,583	\$ 15,583	\$ 27,365	\$ 27,365	\$ 27,365	\$ 27,365	\$ 27,365	\$ 27,365	\$ 27,365	\$ 269,473
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NYPA Fixed Costs	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 1,486	\$ 17,827
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ISO Ancillary/Schedule

Charges	\$ 12,917	\$ 12,154	\$ 6,852	\$ 6,081	\$ 7,574	\$ 10,882	\$ 10,699	\$ 10,302	\$ 6,820	\$ 4,045	\$ 3,389	\$ 9,581	\$ 101,294
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ISO Annual Fee	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500
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Projected ENE Fees	\$ 7,368	\$ 7,368	\$ 7,368	\$ 7,368	\$ 7,368	\$ 7,368	\$ 7,382	\$ 7,382	\$ 7,382	\$ 7,382	\$ 7,382	\$ 7,382	\$ 88,498
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Total Capacity/Other Costs	\$ 37,854	\$ 36,591	\$ 31,288	\$ 30,517	\$ 32,010	\$ 47,101	\$ 46,931	\$ 46,535	\$ 43,052	\$ 40,277	\$ 39,621	\$ 45,813	\$ 477,591
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Transmission Costs

ISO Transmission Charges	\$ 20,994	\$ 28,206	\$ 29,346	\$ 24,084	\$ 21,990	\$ 30,725	\$ 52,078	\$ 72,689	\$ 70,370	\$ 56,266	\$ 27,543	\$ 22,334	\$ 456,626
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NYPA Transmission Costs	\$ 3,618	\$ 6,995	\$ 5,952	\$ 5,265	\$ 3,965	\$ 7,759	\$ 3,777	\$ 5,164	\$ 3,759	\$ 2,408	\$ 1,789	\$ 5,851	\$ 56,301
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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
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National Grid Cable

Surcharges	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 2,850	\$ 34,200
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National Grid Transformer

Surcharges	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 27,804
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National Grid Meter

Surcharge	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 16
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National Grid Rolled in

Distribution	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 176,544
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National Grid PTF, Non-PTF

and Load Dispatch Charges	\$ 3,667	\$ 4,526	\$ 4,709	\$ 3,865	\$ 3,529	\$ 5,177	\$ 8,775	\$ 12,247	\$ 11,857	\$ 9,480	\$ 4,641	\$ 3,763	\$ 76,236
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Total Transmission Costs	\$ 76,338	\$ 87,785	\$ 88,066	\$ 81,272	\$ 77,542	\$ 91,719	\$ 112,687	\$ 138,159	\$ 134,044	\$ 116,214	\$ 82,032	\$ 80,006	\$ 1,165,863
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Total All-In Costs	\$ 186,146	\$ 191,209	\$ 183,655	\$ 167,346	\$ 180,507	\$ 247,639	\$ 354,708	\$ 369,949	\$ 297,822	\$ 222,366	\$ 177,067	\$ 196,105	\$ 2,774,518
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* 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.

Forecast Other Costs
Block Island Power Company

Attachment 2
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

	(Attachment-6)	Amotization Period (years)	
Other Costs-BIPCo			
Interconnection	\$ 273,254	6	\$ 45,542

Amortized Interconnect Costs		\$ 45,542
Total Other Costs		\$ -

This balance was fully amortized as of April 2022

	Load by Month per Attachment		Total Cost by Month
	1	% per month	
Jan-24	1,045	5.69%	\$ -
Feb-24	983	5.36%	\$ -
Mar-24	993	5.41%	\$ -
Apr-24	881	4.80%	\$ -
May-24	1,097	5.98%	\$ -
Jun-24	1,577	8.59%	\$ -
Jul-24	2,743	14.94%	\$ -
Aug-24	2,743	14.94%	\$ -
Sep-24	2,641	14.39%	\$ -
Oct-24	1,748	9.52%	\$ -
Nov-24	1,037	5.65%	\$ -
Dec-24	869	4.73%	\$ -
Totals	18,356	100.00%	\$ -

Energy Costs
Block Island Power Company

Attachment 3
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

Bilateral Contract Price is based upon Shell contract dated June 29, 2021 (Modified July 6, 2022
Bilateral Contract Price is based upon Shell contract dated July 6, 2022

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

Attachment 4
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024
Page 1 of 2

(A)				
Jan-21	878,879		No Change from April 2022 filing	
Feb-21	839,233		No Change from April 2022 filing	
Mar-21	777,962		No Change from April 2022 filing	
Apr-21	778,866		No Change from April 2022 filing	
May-21	969,895		No Change from April 2022 filing	
Jun-21	1,348,806		No Change from April 2022 filing	
Jul-21	2,155,158		No Change from April 2022 filing	
Aug-21	2,197,610		No Change from April 2022 filing	
Sep-21	1,510,833		No Change from April 2022 filing	
Oct-21	909,765		No Change from April 2022 filing	
Nov-21	748,430		No Change from April 2022 filing	
Dec-21	789,801		No Change from April 2022 filing	
<hr/>				
Jan-22	923,494		No Change from April 2022 filing	
Feb-22	768,270		No Change from April 2022 filing	
Mar-22	774,904		No Change from April 2022 filing	
Apr-22	736,036		No Change from April 2022 filing	
May-22	954,857		No Change from April 2022 filing	
Jun-22	1,371,593		No Change from April 2022 filing	
Jul-22	2,239,426		No Change from April 2022 filing	
Aug-22	2,392,958		No Change from April 2022 filing	
Sep-22	1,476,389		No Change from April 2022 filing	
Oct-22	954,467		No Change from April 2022 filing	
Nov-22	727,948		No Change from April 2022 filing	
Dec-22	860,896		See page two	
<hr/>				
Jan-23	879,254		See page two	-4.8%
Feb-23	868,951		See page two	13.1%
Mar-23	795,450		See page two	2.7%
Apr-23	762,866		See page two	3.6%
May-23	959,810		See page two	0.5%
Jun-23	1,340,858		See page two	-2.2%
Jul-23	2,383,072		See page two	6.4%
Aug-23	2,099,135		See page two	-12.3%
Sep-23	1,527,700		See page two	4.4%
Oct-23	954,467		est (same as prior year)	0.0%
Nov-23	727,948		est (same as prior year)	0.0%
Dec-23	860,896		est (same as prior year)	0.0%
	13,905,238	14,181,238	14,160,407	

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

Attachment 4
CY 2023 Reconciliation Twelve
month Recalculation for
Rates Effective Jan 1, 2024

Page 2 of 2

	kWh per biller	kWh BIUD Plant Use	kWh sales	kWh Load
Dec-22	894,096	(33,200)	860,896	1,025,667
Jan-23	908,982	(29,728)	879,254	1,010,226
Feb-23	902,608	(33,657)	868,951	964,940
Mar-23	823,896	(28,446)	795,450	993,746
Apr-23	780,430	(17,564)	762,866	880,325
May-23	972,699	(12,889)	959,810	1,099,726
Jun-23	1,352,536	(11,678)	1,340,858	1,580,369
Jul-23	2,395,045	(11,973)	2,383,072	2,753,401
Aug-23	2,112,743	(13,608)	2,099,135	2,315,933
Sep-23	1,541,162	(13,462)	1,527,700	1,749,509
Oct-23			954,467	1,036,268
Nov-23			727,948	870,042
Dec-23			860,896	1,025,667
			14,160,407	16,280,152
ADJUSTED FOR PUC 1-15				

**Adjustments to Dec 2022 Recon.
for Items Which Were Est. in that Filing
BIUD**

**Attachment 5
page 1 of 5**

CY 2023

Twelve month Recalculation for
Rates Effective Jan 1, 2024

	Oct 20 thru Dec 20	Sep-22	Oct-22	Nov-22	Dec-22	Total
Purchase Power						
Shell Invoice	(Attachment - 6)					
Est from 12/23 Reconciliation				36,881.00		36,881.00
2912874				(44,748.25)		(44,748.25)
Est from 12/23 Reconciliation					38,303.00	38,303.00
2928642					(49,354.81)	(49,354.81)
	-	-	-	(7,867.25)	(11,051.81)	(18,919.06)
Purchase Power						
NYPA Invoice	(Attachment - 6)					
Est from 12/23 Reconciliation				617.00		617.00
30463				(1,287.71)		(1,287.71)
Est from 12/23 Reconciliation					573.00	573.00
30716					(1,012.61)	(1,012.61)
	-	-	-	(670.71)	(439.61)	(1,110.32)
Purchase Power						
Rooftop Solar	(Attachment - 6)					
Est from 12/23 Reconciliation					378.00	378.00
dec biller					(555.41)	(555.41)
	-	-	-	-	(177.41)	(177.41)
Purchase Power						
First Light	(Attachment - 6)					
Est from 12/23 Reconciliation				4,000.00		4,000.00
inv836				(4,386.93)		(4,386.93)
Est from 12/23 Reconciliation					4,000.00	4,000.00
inv863					(7,863.40)	(7,863.40)
	-	-	-	(386.93)	(3,863.40)	(4,250.33)
Capacity/Other Costs						
ISO FCM Charges						
ISO New England Invoice	(Attachment - 6)					
Est from 12/23 Reconciliation					20,000.00	20,000.00
12/5/2022	428014				(5,070.03)	(5,070.03)
12/7/2022	428342				(1,448.58)	(1,448.58)
12/12/2022	428695				(3,503.85)	(3,503.85)
12/14/2022	429106				(1,401.36)	(1,401.36)
12/19/2022	429413				(3,503.39)	(3,503.39)
12/21/2022	429729				(1,401.35)	(1,401.35)
12/27/2022	430053				(3,503.35)	(3,503.35)
12/28/2022	430377				(700.67)	(700.67)
	-	-	-	-	(532.58)	(532.58)

**Adjustments to Dec 2022 Recon.
for Items Which Were Est. in that Filing
BIUD**

**Attachment 5
page 2 of 5**

CY 2023

Twelve month Recalculation for
Rates Effective Jan 1, 2024

	Oct 20 thru Dec 20	Sep-22	Oct-22	Nov-22	Dec-22	Total
NYPA CAP Credit						
NYPA Invoice	(Attachment - 6)					
Est from 12/23 Reconciliation		(1,200.00)	-			(1,200.00)
		964.13				964.13
Est from 12/23 Reconciliation			(1,200.00)			(1,200.00)
			3,455.65			3,455.65
Est from 12/23 Reconciliation					(1,200.00)	(1,200.00)
					1,012.45	1,012.45
	-	-	-	2,255.65	(187.55)	1,832.23
Fixed Costs						
NYPA Invoice	(Attachment - 6)					
Est from 12/23 Reconciliation				1,267.56		1,267.56
28544				(1,267.56)		(1,267.56)
Est from 12/23 Reconciliation					1,267.56	1,267.56
28783					(1,267.56)	(1,267.56)
	-	-	-	-	-	-
ISO Ancillary/Schedule Charges						
ISO New England Invoice	(Attachment - 6)					
Est from 12/23 Reconciliation			5,000.00	100.00		5,100.00
12/5/2022 428014				1,556.42		1,556.42
12/7/2022 428342				532.35		532.35
12/12/2022 428695			(4,094.93)	490.43		(3,604.50)
12/14/2022 429106				1,746.11		1,746.11
12/19/2022 429413				1,885.96		1,885.96
12/21/2022 429729				893.82		893.82
12/27/2022 430053				1,470.93		1,470.93
12/28/2022 430377				243.34		243.34
Est from 12/23 Reconciliation				5,000.00		5,000.00
1/15/23 431989				(7,651.33)		(7,651.33)
				905.07	6,268.03	7,173.10
Projected ENE Fees						
ENE Invoice	(Attachment - 6)					
Est from 12/23 Reconciliation				6,951.00		6,951.00
30184				(6,951.00)		(6,951.00)
Est from 12/23 Reconciliation					6,951.00	6,951.00
30508					(6,951.00)	(6,951.00)
	-	-	-	-	-	-

**Adjustments to Dec 2022 Recon.
for Items Which Were Est. in that Filing
BIUD**

**Attachment 5
page 3 of 5**

CY 2023

Twelve month Recalculation for
Rates Effective Jan 1, 2024

		Oct 20 thru Dec 20	Sep-22	Oct-22	Nov-22	Dec-22	Total	
		Actual KWH (Attachment-4)	Standard Offer Rate (A)	Standard Offer Revenue				
Dec-22	Est	789,801	\$ 0.0879	\$ 69,424				(69,423.51)
	Actual	827,696	\$ 0.0879	\$ 72,754				72,754.48
							<u>3,330.97</u>	
							<u>3,330.97</u>	
							POWER SUPPLY SERVICE - Only	
							Over/(Under) Collection	
							(8,403.07)	

(A) Rate in effect for may 2022

Transmission Costs

ISO Transmission Charges

ISO New England Inv (Attachment - 6)

Est from 12/23 Reconciliation		20,232.82					20,232.82
428695		(20,987.29)					(20,987.29)
Est from 12/23 Reconciliation		20,187.33					20,187.33
431989		(20,404.30)					(20,404.30)
Est from 12/23 Reconciliation		19,516.42					19,516.42
434670		(21,526.46)					(21,526.46)
-	-	(754.47)		(216.97)	(2,010.04)		(2,981.48)

NYPA Transmission Charges

NYPA Invoice (Attachment - 6)

Est from 12/23 Reconciliation		3,752.92					3,752.92
30463		(3,449.04)					(3,449.04)
Est from 12/23 Reconciliation		7,271.93					7,271.93
30716		(11,848.90)					(11,848.90)
-	-	-		303.88	(4,576.97)		(4,273.09)

National Grid Connection DAF Charges

National Grid Invoice (Attachment - 6)

Est from 4/22 Reconciliation		28,178.00					28,178.00
800473678		(28,178.00)					(28,178.00)
Est from 4/22 Reconciliation		28,178.00					28,178.00
800483940		(28,178.00)					(28,178.00)
-	-	-		-	-		-

**Adjustments to Dec 2022 Recon.
for Items Which Were Est. in that Filing
BIUD**

**Attachment 5
page 4 of 5**

CY 2023

Twelve month Recalculation for
Rates Effective Jan 1, 2024

	Oct 20 thru Dec 20	Sep-22	Oct-22	Nov-22	Dec-22	Total
National Grid Cable Surcharges						
National Grid Invoice (Attachment - 6)						
Est from 4/22 Reconciliation			4,100.00			4,100.00
			(1,448.44)			(1,448.44)
Est from 4/22 Reconciliation				4,100.00		4,100.00
800485731					(1,448.44)	(1,448.44)
	-	-	-	2,651.56	2,651.56	5,303.12
National Grid Transformer Surcharges (Load Invoice)						
National Grid Invoice (Attachment - 6)						
Est from 4/22 Reconciliation			1,983.41			1,983.41
800482910			(1,983.41)			(1,983.41)
Est from 4/22 Reconciliation				1,983.41		1,983.41
800488090					(1,983.41)	(1,983.41)
	-	-	-	-	-	-
National Grid Meter Surcharge (Load Invoice).						
National Grid Invoice (Attachment - 6)						
Est from 4/22 Reconciliation			61.72			61.72
800482910			(61.72)			(61.72)
Est from 4/22 Reconciliation				61.72		61.72
800488090					(61.72)	(61.72)
	-	-	-	-	-	-
National Grid Rolled in Distribution--- (Load Invoice)						
National Grid Invoice (Attachment - 6)						
Est from 4/22 Reconciliation			13,154.73			13,154.73
800482910			(13,154.73)			(13,154.73)
Est from 4/22 Reconciliation				13,154.73		13,154.73
800488090					(13,154.73)	(13,154.73)
	-	-	-	-	-	-
National Grid PTF, Non-PTF and Load Dispatch Charges--- (Load Invoice)						
National Grid Invoice (Attachment - 6)						
Est from 4/22 Reconciliation			5,000.00			5,000.00
800482910			(4,670.69)			(4,670.69)
Est from 4/22 Reconciliation				5,000.00		5,000.00
800488090					(4,301.84)	(4,301.84)
	-	-	-	329.31	698.16	1,027.47
total Ngrid Load Invoices				(19,870.55)	(19,501.70)	

Energy Costs-Invoices which cover
Estimates in Dec 2022 Reconciliation
Block Island Power Company

Attachment 6
CY 2023
Twelve month Recalculation for
Rates Effective Jan 1, 2024

ATTACHMENT - 6

Shell Invoices
ISO New England Invoices
ENE Invoices
National Grid Invoices

Copies of Invoices only provided by electronic copy

**Actual Purchase Power Costs
Block Island Power Company**

Attachment 7
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

Purchase Power Projections	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	
Energy Costs													
Bilateral Purchase	\$ 47,448	\$ 45,550	\$ 46,367	\$ 39,043	\$ 59,549	\$ 101,705	\$ 178,091	\$ 148,816	\$ 113,084	\$ 61,759	\$ 50,592	\$ 56,538	\$ 948,542
nypa	\$ 1,021	\$ 996	\$ 1,129	\$ 1,169	\$ 2,715	\$ 1,062	\$ 3,312	\$ 1,333	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 16,737
solar	\$ 486	\$ 960	\$ 1,304	\$ 1,720	\$ 2,614	\$ 2,191	\$ 2,278	\$ 1,809	\$ 1,717	\$ 1,176	\$ 935	\$ 467	\$ 17,658
Cabot/Tuners REC													\$ -
Cabot/Turner (1st light)	\$ 5,069	\$ 4,184	\$ 5,054	\$ 5,460	\$ 4,368	\$ 3,157	\$ 5,230	\$ 5,556	\$ 2,866	\$ 3,874	\$ 4,495	\$ 4,601	\$ 53,913
Total Energy Costs	\$ 54,024	\$ 51,690	\$ 53,854	\$ 47,391	\$ 69,246	\$ 108,116	\$ 188,911	\$ 157,514	\$ 118,667	\$ 67,809	\$ 57,022	\$ 62,606	\$ 1,036,850
Capacity/Other Costs													
ISO FCM Charges	\$ 23,824	\$ 21,121	\$ 21,622	\$ 18,664	\$ 24,085	\$ 17,297	\$ 16,686	\$ 16,615	\$ 14,753	\$ 16,604	\$ 15,825	\$ 11,713	\$ 218,808
NYPA CAP Credit	\$ (955)	\$ (965)	\$ (967)	\$ (959)	\$ (900)	\$ (900)	\$ (900)	\$ (900)	\$ (900)	\$ (900)	\$ (900)	\$ (900)	\$ (11,046)
NYPA Fixed Costs	\$ 1,268	\$ 1,268	\$ 1,268	\$ 1,268	\$ 1,268	\$ 1,268	\$ 1,484	\$ 1,484	\$ 1,484	\$ 1,484	\$ 1,484	\$ 1,484	\$ 16,510
ISO Ancillary/Schedule Charges	\$ 3,720	\$ 15,274	\$ 12,607	\$ 6,295	\$ (688)	\$ 9,716	\$ (2,286)	\$ 10,681	\$ 8,684	\$ 8,495	\$ 8,486	\$ 8,432	\$ 89,417
Interconnection Charges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ISO Annual Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Projected ENE Fees	\$ 7,152	\$ 7,152	\$ 7,152	\$ 7,152	\$ 7,152	\$ 7,152	\$ 7,152	\$ 7,152	\$ 7,152	\$ 7,152	\$ 7,152	\$ 7,152	\$ 85,824
Total Capacity/Other Costs	\$ 35,009	\$ 43,850	\$ 41,681	\$ 32,419	\$ 30,916	\$ 34,533	\$ 22,136	\$ 35,032	\$ 31,173	\$ 32,835	\$ 32,047	\$ 27,881	\$ 399,512
Transmission Costs													
ISO Transmission Charges	\$ 20,505	\$ 26,831	\$ 20,571	\$ 14,001	\$ 2	\$ 40,883	\$ 67,864	\$ 47,816	\$ 64,339	\$ 48,173	\$ 25,183	\$ 20,420	\$ 396,589
NYPA Transmission Charges	\$ 12,418	\$ 3,881	\$ 7,739	\$ 6,103	\$ 3,736	\$ 6,298	\$ 2,236	\$ 6,469	\$ 2,475	\$ 3,036	\$ 1,682	\$ 4,544	\$ 60,616
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	\$ 2,598	\$ 2,598	\$ 2,598	\$ 2,598	\$ 2,598	\$ 2,598	\$ 2,598	\$ 2,598	\$ 2,598	\$ 2,598	\$ 2,598	\$ 2,598	\$ 31,175
National Grid Transformer Surcharges	\$ 3,692	\$ 3,692	\$ 3,692	\$ 3,692	\$ 3,692	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 2,317	\$ 34,675
National Grid Meter Surcharge	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 1	\$ 15
National Grid Rolled in Distribution	\$ 14,437	\$ 14,437	\$ 14,437	\$ 14,437	\$ 14,437	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 14,712	\$ 175,172
National Grid PTF, Non-PTF and Load Dispatch Charges	\$ 3,490	\$ 4,578	\$ 3,499	\$ 2,374	\$ -	\$ 6,996	\$ 11,664	\$ 8,191	\$ 8,665	\$ 12,060	\$ 6,305	\$ 5,112	\$ 72,934
Total Transmission Costs	\$ 85,319	\$ 84,196	\$ 80,714	\$ 71,384	\$ 52,645	\$ 101,982	\$ 129,570	\$ 110,283	\$ 123,285	\$ 111,075	\$ 80,976	\$ 77,882	\$ 1,109,312
Total All-In Costs	\$ 174,353	\$ 179,736	\$ 176,249	\$ 151,194	\$ 152,808	\$ 244,631	\$ 340,617	\$ 302,828	\$ 273,125	\$ 211,719	\$ 170,045	\$ 168,369	\$ 2,545,674

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

Actual Other Costs
Block Island Power Company

Attachment 8

CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

Supporting
documentation for
these costs were
provided in Oct 17
Reconciliation

Amortization
Period (years)

Other Costs-BIPCo Interconnection	\$ -	0	\$ -
-----------------------------------	------	---	------

This balance was fully amortized as of April 2022

Other Costs-Fuel & Urea	\$	15,304	SEE BELOW
	\$	15,304	

Gallons used during Grid Shut down replacement rate			
Cost of Fuel for shut down			
Credit for Savings on No shell purchase			\$49.90/mWh
Net Cost for generation			
Grid Deposit			
Cost recovery needed for Grid Project			
Fuel used during year	\$	15,304	See Attachment-16
Other Costs-Fuel & Urea	\$	15,304	

Amortized Total Other Costs

	Load by Month		Interconnection
	per PY		Total Cost by Month
	Reconciliation	% per month	
Jan-23	1,010,226	6.21%	\$ 950
Feb-23	964,940	5.93%	\$ 907
Mar-23	993,746	6.10%	\$ 934
Apr-23	880,325	5.41%	\$ 828
May-23	1,099,726	6.76%	\$ 1,034
Jun-23	1,580,369	9.71%	\$ 1,486
Jul-23	2,753,401	16.91%	\$ 2,588
Aug-23	2,315,933	14.23%	\$ 2,177
Sep-23	1,749,509	10.75%	\$ 1,645
Oct-23	1,036,268	6.37%	\$ 974
Nov-23	870,042	5.34%	\$ 818
Dec-23	1,025,667	6.30%	\$ 964
Totals	16,280,152	100.00%	\$ 15,304

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

Attachment 9
page 2 of 6
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
1/30/2023	433348												3,503.35
2/1/2023	433651												1,401.34
2/6/2023	433978	1,401.34											3,503.52
2/8/2023	434301	1,476.42											1,476.42
2/13/2023	434670	3,879.22											3,879.22
2/15/2023	435135	1,551.66											1,551.66
2/21/2023	435452	3,878.90											3,878.90
2/22/2023	435779	775.90											775.90
2/27/2023	436107	4,654.48											4,654.48
3/1/2023	436436		1,551.48										1,551.48
3/6/2023	436746		3,878.73										3,878.73
3/8/2023	437081		1,476.43										1,476.43
3/13/2023	437418		3,503.85										3,503.85
3/15/2023	437835		1,401.38										1,401.38
3/20/2023	438160		3,503.45										3,503.45
3/22/2023	438491		1,401.38										1,401.38
3/27/2023	438811		3,503.45										3,503.45
3/29/2023	439141		1,401.38										1,401.38
4/3/2023	439455			3,503.45									3,503.45
4/5/2023	439778			1,401.38									1,401.38
4/10/2023	440113			1,448.32									1,448.32
4/12/2023	440525			1,448.32									1,448.32
4/18/2023	440865			4,344.96									4,344.96
4/19/2023	441172			724.16									724.16
4/24/2023	441499			4,344.96									4,344.96
4/26/2023	441812			1,448.32									1,448.32
5/1/2023	442143				3,620.80								3,620.80
5/3/2023	442458				1,448.32								1,448.32
5/8/2023	442801				3,597.46								3,597.46
5/10/2023	443101				1,401.64								1,401.64
5/15/2023	443454				3,504.10								3,504.10
5/17/2023	443899				1,401.64								1,401.64
5/22/2023	444199				3,504.10								3,504.10
5/24/2023	444519				1,401.64								1,401.64
5/30/2023	444843				3,504.10								3,504.10
5/31/2023	445176				700.82								700.82
6/5/2023	445481					4,204.92							4,204.92
6/7/2023	445814					1,101.64							1,101.64
6/12/2023	446142					2,854.87							2,854.87
6/14/2023	446567					1,141.98							1,141.98
6/20/2023	446900					2,854.90							2,854.90
6/21/2023	447240					570.98							570.98
6/26/2023	447566					3,425.88							3,425.88
6/28/2023	447880					1,141.98							1,141.98
7/3/2023	448230						2,854.80						2,854.80
7/5/2023	448550						570.98						570.98
7/10/2023	448892						1,104.98						1,104.98
7/12/2023	449305						1,657.48						1,657.48
7/17/2023	449661						2,762.45						2,762.45
7/19/2023	449959						1,104.98						1,104.98
7/24/2023	450292						2,762.45						2,762.45
7/26/2023	450625						1,104.97						1,104.97
7/31/2023	450969						2,762.45						2,762.45
8/2/2023	451285							1,104.97					1,104.97
8/7/2023	451630							2,782.42					2,782.42
8/9/2023	451949							1,104.98					1,104.98
8/13/2023	452440							-					-
8/14/2023	452289						2,762.44						2,762.44
8/16/2023	452713						1,104.97						1,104.97
8/21/2023	453045						2,762.45						2,762.45
8/23/2023	453352						1,104.97						1,104.97
8/28/2023	453690						2,782.41						2,782.41
8/30/2023	453999						1,104.96						1,104.96
9/5/2023	454345							2,782.41					2,782.41
9/6/2023	454668							552.49					552.49
9/11/2023	454986							2,283.56					2,283.56
9/13/2023	455402							1,141.78					1,141.78
9/18/2023	455733							2,854.43					2,854.43
9/20/2023	456072							1,141.78					1,141.78
9/25/2023	456416							2,854.43					2,854.43
9/27/2023	456715							1,141.78					1,141.78
10/2/2023	457044								2,854.43				2,854.43
10/4/2023	457378							1,141.78					1,141.78
10/10/2023	457714							1,096.34					1,096.34
10/11/2023	458046							548.17					548.17
10/16/2023	458376							3,289.02					3,289.02
10/18/2023	458792							1,096.34					1,096.34
10/23/2023	459107							2,740.85					2,740.85
10/25/2023	424405							1,096.34					1,096.34
10/30/2023	424754							2,740.85					2,740.85
11/2/2022	425048										1,147.78		1,147.78
11/7/2022	425373										3,164.68		3,164.68
11/9/2022	425690										372.29		372.29
11/14/2022	426028										2,736.69		2,736.69
11/16/2022	426450										812.67		812.67
11/21/2022	426769										3,223.88		3,223.88
11/23/2022	427092										777.79		777.79
11/28/2022	427405										3,288.01		3,288.01
11/30/2022	427704										301.16		301.16

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

Attachment 9
page 3 of 6
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
12/5/22	428014											3,513.61	3,513.61
12/7/22	428342											916.23	916.23
12/12/22	428695											3,013.42	3,013.42
12/14/22	429106											(344.75)	(344.75)
12/19/22	429413											1,617.43	1,617.43
12/21/22	429729											507.53	507.53
12/27/22	430053											2,032.42	2,032.42
12/28/22	430377											457.33	457.33
	23,824.03	21,121.44	21,621.53	18,663.87	24,084.62	17,297.15	16,685.54	16,614.57	14,752.66	16,604.12	15,824.95	11,713.22	218,807.70

Fixed Costs

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
NYPA Invoice (Attachment -10a)													
30929		1,267.56											1,267.56
31039		1,267.56											1,267.56
31319			1,267.56										1,267.56
31557				1,267.56									1,267.56
31778					1,267.56								1,267.56
31950						1,267.56							1,267.56
32188							1,484.12						1,484.12
32369								1,484.12					1,484.12
Sep est									1,484.12				1,484.12
Oct est										1,484.12			1,484.12
Nov est											1,484.12		1,484.12
Dec est												1,484.12	1,484.12
	1,267.56	1,267.56	1,267.56	1,267.56	1,267.56	1,267.56	1,484.12	1,484.12	1,484.12	1,484.12	1,484.12	1,484.12	16,510.08

ISO Ancillary/Schedule Charges

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
ISO New England (Attachment -11)													
1/3/2023	430689		1,157.72										1,157.72
1/4/2023	430996		(231.01)										(231.01)
1/9/2023	431329		(490.43)										(490.43)
1/11/2023	431624		(238.88)										(238.88)
1/17/2023	431989		(1,077.84)										(1,077.84)
1/18/2023	432387		(335.25)										(335.25)
1/23/2023	432713		(99.93)										(99.93)
1/25/2023	433034		(624.46)										(624.46)
1/30/2023	433348		(334.16)										(334.16)
2/1/2023	433651		(485.84)										(485.84)
2/6/2023	433978		(478.02)										(478.02)
2/8/2023	434301		3,072.16										3,072.16
2/13/2023	434670	5,994.47	34.20										6,028.67
2/15/2023	435135		(321.81)										(321.81)
2/21/2023	435452		(274.56)										(274.56)
2/22/2023	435779		(175.85)										(175.85)
2/27/2023	436107		(248.80)										(248.80)
3/1/2023	436436			1,032.57									1,032.57
3/6/2023	436746			40.35									40.35
3/8/2023	437081			(60.58)									(60.58)
3/13/2023	437418	14,152.05		(326.05)									13,826.00
3/15/2023	437835			305.78									305.78
3/20/2023	438160			(239.89)									(239.89)
3/22/2023	438491			(254.40)									(254.40)
3/27/2023	438811			(304.65)									(304.65)
3/29/2023	439141			(458.66)									(458.66)
4/3/2023	439455				(391.43)								(391.43)
4/5/2023	439778				(246.06)								(246.06)
4/10/2023	440113			12,872.90	(114.38)								12,758.52
4/12/2023	440525				(448.61)								(448.61)
4/18/2023	440865				(239.54)								(239.54)
4/19/2023	441172				(129.32)								(129.32)
4/24/2023	441499				(654.21)								(654.21)
4/26/2023	441812				(473.39)								(473.39)
5/1/2023	442143				(213.67)								(213.67)
5/3/2023	442458				(230.50)								(230.50)
5/8/2023	442801				(1,186.74)								(1,186.74)
5/10/2023	443101				(1,328.17)								(1,328.17)
5/15/2023	443454			8,991.58	(692.89)								8,298.69
5/17/2023	443899				(877.64)								(877.64)
5/22/2023	444199				(844.67)								(844.67)
5/24/2023	444519				(998.03)								(998.03)
5/30/2023	444843				(927.29)								(927.29)
5/31/2023	445176				(219.18)								(219.18)
6/5/2023	445481					(1,113.31)							(1,113.31)
6/7/2023	445814					(21.94)							(21.94)
6/12/2023	446142				6,830.80	201.87							7,032.67
6/14/2023	446567					(15.16)							(15.16)
6/20/2023	446900					118.42							118.42
6/21/2023	447240					21.91							21.91
6/26/2023	447566					108.14							108.14
6/28/2023	447880					558.82							558.82
7/3/2023	448230						1,689.57						1,689.57
7/5/2023	448550						(27.14)						(27.14)
7/10/2023	448892					9,857.74	(1,734.18)						8,123.56
7/12/2023	449305						(2,703.63)						(2,703.63)
7/17/2023	449661						(820.46)						(820.46)
7/19/2023	449959						(1,133.47)						(1,133.47)
7/24/2023	450292						(1,238.97)						(1,238.97)
7/26/2023	450625						(537.10)						(537.10)
7/31/2023	450969						(981.49)						(981.49)

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

Attachment 9
page 5 of 6
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	
31778					3,736.36								3,736.36	
31950						6,297.74							6,297.74	
32188							2,235.68						2,235.68	
32369								6,468.71					6,468.71	
Sep	est								2,475.00				2,475.00	
Oct	est									3,036.00			3,036.00	
Nov	est										1,682.00		1,682.00	
Dec	est											4,544.00	4,544.00	
		12,418.00	3,880.65	7,738.72	6,103.07	3,736.36	6,297.74	2,235.68	6,468.71	2,475.00	3,036.00	1,682.00	4,544.00	60,615.93

National Grid Connection DAF Charges

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
National Grid Invoice (Attachment -13)													
800533474	28,178.00												28,178.00
800538279		28,178.00											28,178.00
800543881			28,178.00										28,178.00
800549096				28,178.00									28,178.00
800555209					28,178.00								28,178.00
800560081						28,178.00							28,178.00
800564704							28,178.00						28,178.00
800570095								28,178.00					28,178.00
800574885									28,178.00				28,178.00
Oct	est									28,178.00			28,178.00
Nov	est										28,178.00		28,178.00
Dec	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	338,136.00

National Grid Cable Surcharges

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
National Grid Invoice (Attachment -14)													
Jan	est	2,597.91											2,597.91
Feb	est		2,597.91										2,597.91
Mar	est			2,597.91									2,597.91
Apr	est				2,597.91								2,597.91
May	est					2,597.91							2,597.91
Jun	est						2,597.91						2,597.91
Jul	est							2,597.91					2,597.91
Aug	est								2,597.91				2,597.91
Sep	est									2,597.91			2,597.91
Oct	est										2,597.91		2,597.91
Nov	est											2,597.91	2,597.91
Dec	est											2,597.91	2,597.91
		2,597.91	2,597.91	2,597.91	2,597.91	2,597.91	2,597.91	2,597.91	2,597.91	2,597.91	2,597.91	2,597.91	31,174.92

National Grid Transformer Surcharges

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
National Grid Invoice (Attachment -15)													
Jan	800537369												3,691.96
Feb	800541791	3,691.96											3,691.96
Mar	800547219		3,691.96										3,691.96
Apr	800553611			3,691.96									3,691.96
May	800557770				3,691.96								3,691.96
Jun	800562630					2,316.51							2,316.51
Jul	800567942						2,316.51						2,316.51
Aug	800571887							2,316.51					2,316.51
Sep	800576606								2,316.51				2,316.51
Oct	est									2,316.51			2,316.51
Nov	est										2,316.51		2,316.51
Dec	est											2,316.51	2,316.51
		3,691.96	3,691.96	3,691.96	3,691.96	3,691.96	2,316.51	2,316.51	2,316.51	2,316.51	2,316.51	2,316.51	34,675.37

National Grid Meter Surcharge

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total
National Grid Invoice (Attachment -15)													
Jan	800537369	1.21											1.21
Feb	800541791		1.21										1.21
Mar	800547219			1.21									1.21
Apr	800553611				1.21								1.21
May	800557770					1.21							1.21
Jun	800562630						1.33						1.33
Jul	800567942							1.33					1.33
Aug	800571887								1.33				1.33
Sep	800576606									1.33			1.33
Oct	est										1.33		1.33
Nov	est											1.33	1.33

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

Attachment 9
page 6 of 6
CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total	
Dec	est												1.33	1.33
	1.21	1.21	1.21	1.21	1.21	1.33	1.33	1.33	1.33	1.33	1.33	1.33	15.36	

National Grid Rolled in Distribution

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
National Grid Invoice (Attachment -15)													
Jan	800537369	14,437.24											14,437.24
Feb	800541791		14,437.24										14,437.24
Mar	800547219			14,437.24									14,437.24
Apr	800553611				14,437.24								14,437.24
May	800557770					14,437.24							14,437.24
Jun	800562630						14,712.30						14,712.30
Jul	800567942							14,712.30					14,712.30
Aug	800571887								14,712.30				14,712.30
Sep	800576606									14,712.30			14,712.30
Oct	est									14,712.30			14,712.30
Nov	est										14,712.30		14,712.30
Dec	est											14,712.30	14,712.30
	14,437.24	14,437.24	14,437.24	14,437.24	14,437.24	14,712.30	14,712.30	14,712.30	14,712.30	14,712.30	14,712.30	14,712.30	175,172.30

National Grid PTF, Non-PTF and Load Dispatch Charges

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
National Grid Invoice (Attachment -15)													
Jan	800537369	3,489.68											3,489.68
Feb	800541791		4,578.20										4,578.20
Mar	800547219			3,498.82									3,498.82
Apr	800553611				2,373.71								2,373.71
May	800557770					-							-
Jun	800562630					6,995.59							6,995.59
Jul	800567942						11,663.92						11,663.92
Aug	800571887							8,191.42					8,191.42
Sep	800576606								8,665.16				8,665.16
Oct	est									12,060.00			12,060.00
Nov	est										6,305.00		6,305.00
Dec	est											5,112.00	5,112.00
	3,489.68	4,578.20	3,498.82	2,373.71	-	6,995.59	11,663.92	8,191.42	8,665.16	12,060.00	6,305.00	5,112.00	72,933.50

total attachment 15 21,620.09 22,708.61 21,629.23 20,504.12 18,130.41 24,025.73 28,694.06 25,221.56 25,695.30 29,090.14 23,335.14 22,142.14 652,107.45

ATTACHMENT - 10

Shell Invoices

Copies of Invoices only provided by electronic copy

ATTACHMENT - 10a

NYPA Invoices

Copies of Invoices only provided by electronic copy

ATTACHMENT - 10b

BIUD Solar

Copies of Invoices only provided by electronic copy

ATTACHMENT - 10c

Firstlight

Copies of Invoices only provided by electronic copy

ATTACHMENT - 10d

NYPA credit

Copies of Invoices only provided by electronic copy

ATTACHMENT - 11

ISO New England Invoices

Copies of Invoices only provided by electronic copy

ATTACHMENT - 12

ENE Invoices

Copies of Invoices only provided by electronic copy

ATTACHMENT - 13

National Grid Invoices
DAF

Copies of Invoices only provided by electronic copy

ATTACHMENT - 14

National Grid Invoices
Cable Surcharge

Copies of Invoices only provided by electronic copy

ATTACHMENT - 15

National Grid Invoices

Copies of Invoices only provided by electronic copy

Generation Costs - Actual Fuel Urea Costs
Block Island Power Company

FUEL	Gallons	Cost	
FUEL ON HAND 10/01/22:	17,732.00	\$ 41,072.45	(Attachment - 16)
FUEL PURCHASED 10/01/22 TO 12/01/23: +	6,500.00	24,218.50	PAGE 2 OF 6
	= 24,232.00	65,290.95	
FUEL ON HAND 12/01/23:	-	19,604.00	(Attachment - 16)
FUEL USED 10/1/22 TO 12/01/23:	4,628.00	\$ 17,243.57	PAGE 2 OF 6

FUEL PURCHASED 10/01/22 TO 12/01/23:

Date	Gallons	Trans + Fuel	average cost per gallon
8/9/2023	6500	24,218.50	3.73

6,500	24,219
-------	--------

** Generation Factor 10 kWh/ Gallon

FUEL USED 10/1/22 TO 12/01/23:	\$ 17,243.57
CREDIT FOR REVENUE recovered with FAC during the period	-
CREDIT FOR Savings on No shell purchase 11/18/22 TO 12/01/23 DUE TO EXTENDED OUTAGES	(1,939.36)
December-23 Reconciliation Fuel costs recovered by Standard offer	\$ 15,304.21

Credit for Savings on No shell purchase	
Kwh Generated	29,478
Mwh Generated	29,478
\$ (1,939) \$76.50/mWh factors in 14% unaccounted for	

CALCULATION OF
ENDING FUEL INVENTORY VALUE
BLOCK ISLAND POWER COMPANY

Attachment 16

page 2 of 4

CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

Fuel

Balance at 10/1/22 - Used for Dec 2022 Filing

Date	Gallons in Begining Inventory	Gallons Purchased	Percentage or Inv Galls. vs Galls. Purch	Value of Inventory	value or Begining Inventory
4/13/2017	669	10,005	0.07	19,300.49	1,290.56
6/9/2018	10,002	10,002	1.00	24,335.05	24,335.05
7/1/2019	7,061	9,000	0.78	19,688.66	15,446.85
	17,732				41,072.45

Balance at 10/1/23 - Used for Dec 2023 Filing

Date	Gallons in Ending Inventory	Gallons Purchased	Percentage or Inv Galls. vs Galls. Purch	Value of Inventory	value or Ending Inventory
4/13/2017	669	10,005	0.07	19,300.49	1,290.56
6/9/2018	10,002	10,002	1.00	24,335.05	24,335.05
7/1/2019	7,061	9,000	0.78	19,688.66	15,446.85
8/29/2023	1,872	6,500	0.29	24,218.50	6,974.93
	19,604				48,047.38

19,604

-

As a result of Doubling of costs as a result of current economic conditions BIUD has elected to change to LIFO Inventory method to calculate ending inventory balance

CALCULATION OF
ENDING FUEL INVENTORY VALUE
BLOCK ISLAND POWER COMPANY

CY 2023 Reconciliation
Twelve month Recalculation for
Rates Effective Jan 1, 2024

Delivery Date	Vendor	Invoice Number	A Gallons Purchased	B Fuel Price Per Gallon	C (A x B) Fuel \$ Amount	D Excise Tax	E (C + D) Total Value	F Boat	G Truck/Driver	H (F + G) Total Transport	I (E + H) Trans + Fuel
4/13/2017	Sprague Energy	17105092	10,005	1.7855	17,864	3,301.65	21,165.89	711.25	725.00	1,436.25	19,300.49
6/9/2018	Sprague Energy	18196024	10,002	2.2534	22,539	3,300.66	25,839.46	711.25	1,085.00	1,796.25	24,335.05
7/1/2019	Sprague Energy	21532000	9,000	2.0175	18,157	3,060.00	21,217.41	711.25	820.00	1,531.25	19,688.66
8/29/2023	Offshore	29030	6,500	3.5800	23,270	-	23,270.00	400.00	548.50	948.50	24,218.50

Offshore Express Inc
PO Box 3751
Peace Dale, RI 02883-3751
(401)641-4587
skisilywicz@gmail.com



INVOICE

BILL TO

Block Island Power Co.
PO Box 518
Block Island, RI 02807-0518

INVOICE # 29030

DATE 08/29/2023

DUE DATE 08/29/2023

TERMS Due on receipt

DATE	DESCRIPTION	QTY	RATE	AMOUNT
08/29/2023	Transportation of Premium Off Road Dyed Diesel Fuel	6,500	3.58	23,270.00

BALANCE DUE

\$23,270.00

FUEL

APPROVED
AUG 29 2023

By: _____

[Signature]

Direct Testimony

of

Jeffery M. Wright

For

Block Island Utility District DBA Block Island Power Company

Docket No. _____

November 10, 2023

1 **Q. Please state your name and business address for the record.**

2 A. My name is Jeffery M. Wright. My principal business address is 100 Ocean Avenue, Block
3 Island, Rhode Island 02807.

4
5 **Q. By whom are you employed and in what capacity?**

6 A. I am the President of the Block Island Utility District DBA Block Island Power Company.
7

8 **Q. Can you please describe your education and experience?**

9 A. I have an Associate Degree in Accounting and have worked for electric utilities since
10 1984 in various roles.

11
12 From 2008-2016, I was the Chief Operating Officer at the Vermont Electric Cooperative
13 ("VEC"). VEC is the state's second-largest utility and largest electric cooperative which
14 serves approximately 40,000 electric meters across the northern third of the state of
15 Vermont. I was responsible for all of the company's operations including transmission
16 and distribution operations, substations and system operations, and engineering. I
17 worked closely with the company's CFO in developing long capital plans, long-range
18 financial forecasting, and supported several rate cases.

19
20 From 1996-2008, I worked at the Vermont Electric Power Company (VELCO). I was a
21 member of the company's Senior Leadership Team and was responsible for managing
22 the company's assets which included over 35 high-voltage transmission substations,
23 more than 700 miles of high-voltage transmission lines, all rights of way, and the
24 company's facilities and fleet assets. I also managed the assets of the Vermont Electric
25 Transmission Company (VETCO) which owns and maintains Vermont's portion of the
26 450 kV DC "Phase One" line.

27
28 I am also a member of the National Rural Electric Cooperatives Association ("NRECA")
29 Board of Directors representing Rhode Island. I serve as Chairman of the Board's

1 Business Technologies and Strategies sub-committee. NRECA represents more than 900
2 consumer-owned, not-for-profit electric cooperatives, public power districts, and public
3 utility districts in the United States. NRECA oversees cooperative employee benefits
4 plans; carries out federal government relations activities like lobbying; conducts
5 management and director training; and spearheads communications, advocacy, and
6 public relations initiatives. In addition, it coordinates national and regional conferences
7 and seminars; offers member cooperatives advice on tax, legal, environmental, and
8 engineering matters; and performs economic and technical research.

9
10 **Q. What is the purpose of your testimony?**

11 A. The purpose of my testimony is to provide information in support of: (1) Block Island
12 Utility District's ("BIUD") power supply procurement plan for 2024, and (2) BIUD's
13 proposed rates for the next 12-month tariffs.

14
15 **Q. Is BIUD proposing changes to its power supply procurement plan?**

16 A. Yes, BIUD is proposing a power supply procurement plan that voluntarily meets the
17 Rhode Island Renewable Energy Standard ("RES").

18
19 **Q. How does BIUD plan to voluntarily meet the RI Renewable Energy Standard?**

20 A. BIUD will continue to seek out long-term, market-priced power supply resources. BIUD
21 also plans to retire all renewable energy attributes it currently sells as well as any
22 Renewable Energy Certificates ("RECs") obtained through future contracts. BIUD will
23 then satisfy the remaining RES annual target by purchasing New RECs, as defined in R.I.
24 Gen. Laws § 39-26-2. With the financial help of the Block Island Solar Initiative, BIUD
25 also plans to buy enough Existing RECs to become 100% renewable.

26
27 **Q. Is BIUD proposing to waive its exemption?**

28 A. No. BIUD is not an obligated entity under the RI Renewable Energy Standard. In the
29 event of a long-term cable outage, BIUD would need to run its diesel generators and

1 mitigate the expense associated with procuring fuel.

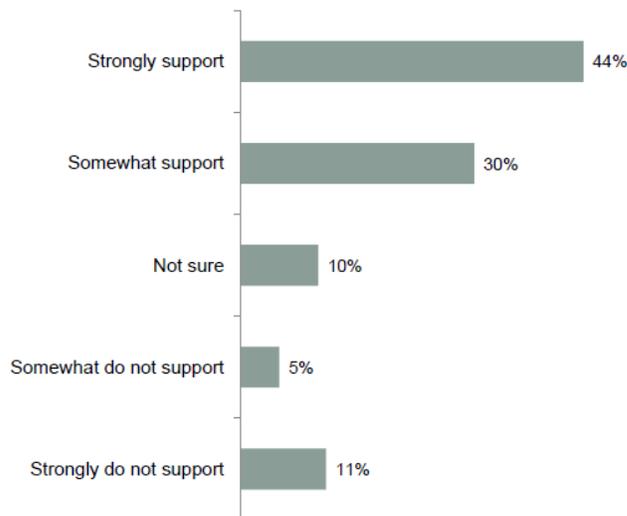
2
3 **Q. Do BIUD’s members support this strategy?**

4 A. In the spring of 2023, the BIUD Board of Utility Commissioners formed a power supply
5 sub-committee that has worked with ENE and ISO Analytics to develop a strategy to
6 voluntarily meet the RES annual targets. Over the summer of 2023, this was an agenda
7 item for several Board meetings.

8
9 In the fall of 2023, BIUD retained the NRECA Market Research team to conduct its first
10 member satisfaction survey. We asked one question specific to this topic for the
11 purpose of guiding the board in its decision-making. The question was: “How strongly
12 would you support Block Island Utility District moving to all renewable energy if it meant
13 a 5% rate increase? For the average residential member, this would mean a \$20/month
14 increase.” Survey results (below) show that the majority of members who responded to
15 the survey support voluntarily meeting the RES.

Renewable Energy

**How Strongly Support State of Rhode Island’s Goal of
100% Renewable Electricity Generated by 2032**



Page 25 of 49



1 **Q. What is the expense associated with purchasing RECs to voluntarily meet the RES**
2 **annual target?**

3 A. As detailed in Mr. Kieny's direct testimony and shown in Attachment 1b to Mr. Bebyn's
4 testimony, the cost of purchasing sufficient RECs to voluntarily meet the RES annual
5 target is roughly \$160,000 in 2024. This is net of the retirement of RECs that BIUD
6 currently receives as part of its existing contracts.

7
8 **Q. How would voluntarily meeting the RES annual targets impact BIUD's rates?**

9 A. The impact on BIUD's rates would be roughly \$0.01 per kWh in 2024 and approximately
10 \$0.005 per kWh in each subsequent year until BIUD reaches 100% in 2032.

11
12 **Q. Why does the Block Island Solar Initiative want to fund BIUD's 100% renewable goal?**

13 A. The donor, Don McClusky, funded the Block Island Solar Initiative's programs to advance
14 the use of renewable energy on Block Island, promote electrification, and be a catalyst
15 for change. Based on our limited research, BIUD will be one of less than ten utilities in
16 the United States to claim 100% renewable. This is the type of change catalyst that the
17 Block Island Solar Initiative strives to promote.

18
19 **Q. What is the annual donation BIUD expects from the Block Island Solar Initiative?**

20 A. BIUD will purchase enough Existing RECs to meet 100% criteria and will be reimbursed
21 for the entire expense. Our estimate for 2024 is roughly \$50,000 based on current REC
22 market prices, which is further detailed in Mr. Bebyn's direct testimony. Each year, as
23 BIUD's RES percentage increases, the Solar Initiative's reimbursement will adjust
24 accordingly.

25
26 **Q. Can you describe BIUD's RECs procurement strategy?**

27 A. Yes. BIUD will work with ENE and Craig Kieny of Energy Initiatives, Inc. to procure
28 sufficient RECs to meet its goals at the least cost, which could be in annual or multi-year
29 procurements. This is further described in Mr. Kieny's direct testimony.

1

2 **Q. Did the BIUD Board of Utility Commissioners approve this plan?**

3 A. Yes. The BIUD Board of Utility Commissioners approved this plan unanimously in its
4 latest meeting held on Thursday, November 2, 2023.

5

6 **Q. Does this complete your pre-filed direct testimony?**

7 A. Yes, it does.

Direct Testimony
of
Craig Kieny
Energy Initiatives, Inc.

For

Block Island Utility District DBA Block Island Power Company

November 10, 2023

1 **Q. Please state your name and business address for the record.**

2 A. My name is Craig Kieny. I am President of Energy Initiatives, Inc., a consulting firm in the
3 electric utility industry that focuses on Power Supply issues, primarily in New England.
4 My registered business address is 196 Liberty Lane, Colchester, VT however, I am
5 currently doing business out of 320 Mingo Way, Loudon, TN.

6
7 **Q. Can you please describe your education and experience?**

8 A. I have a Bachelor of Science in Electrical Engineering and a Master of Business
9 Administration, both from the University of Vermont. I have over 30 years of experience
10 developing Power Supply strategies and managing Power Supply costs for utilities in the
11 Northeast, primarily in New England. My resume is attached as Attachment-CK-1.

12
13 **Q. Have you previously testified before state regulatory commissions?**

14 A. I have testified on several occasions before the Vermont Public Utilities Commission.
15

16 **Q. What is your role in this proceeding?**

17 A. I am testifying in support of the power supply procurement plan proposed by Block
18 Island Utility District ("BIUD") in this proceeding. I have been working with BIUD since
19 early 2023. My primary focus has been to work with Mr. Wright and the BIUD Board of
20 Utility Commissioners (Board) to develop a renewable energy strategy. This included
21 helping the Board understand wholesale electric markets in New England, renewable
22 energy certificates markets and the cost of various renewable energy resources.

23
24 I have provided Mr. Wright and the Board with cost impacts to BIUD under various
25 strategies to meet a 100% renewable energy portfolio, when measured on an annual
26 basis. These scenarios included: 1) retaining New Renewable Energy Certificates
27 ("RECs"), as defined in the RI Renewable Energy Standard ("RES"), sufficient to meet
28 100% of BIUD's annual energy requirement; 2) retaining Existing RECs, as defined in the
29 RI RES, to meet 100% of BIUD's annual energy requirement; and 3) retaining sufficient

1 New RECs to voluntarily satisfy the RES annual target, and retaining sufficient Existing
2 RECs for the incremental amount to reach a 100% renewable energy portfolio.

3

4 **Q. What is the purpose of your testimony?**

5 A. The purpose of my testimony is to provide information in support of BIUD's proposed
6 power supply procurement plan that voluntarily meets the RI RES. My testimony also
7 explains the projected cost increase to the BIUD members of BIUD voluntarily moving to
8 a 100% renewable energy portfolio.

9

10 **Q. Will you describe how BIUD's procurement plan is different from previous years?**

11 A. Yes. In previous years, BIUDs strategy has been to meet its energy requirements with a
12 balance between price certainty and low cost, with no regard to how many RECs were
13 retained, and with no claim to renewability.

14

15 **Q. How does BIUD plan to voluntarily move to a 100% renewable portfolio in 2024?**

16 A. BIUD would retain RECs equal to 100% of BIUD's 2024 annual energy requirement. The
17 BIUD Board decided at its November 2, 2023 meeting that BIUD will voluntarily retain
18 2024-vintage New RECs equal to 26% of BIUD's annual energy requirement and 2024-
19 vintage Existing RECs equal to 2% of BIUD's annual energy requirement, as set by the RI
20 Renewable Energy Standard. In addition, BIUD will retain Existing RECs equal to 72% of
21 BIUD's annual energy requirement.

22

23 **Q. Please explain BIUD's resource mix and power supply costs for 2024 if BIUD
24 maintained its current power supply procurement plan.**

25 A. BIUD's projected annual energy requirements for 2024 are 16,637 MWhs. Of this
26 requirement, 9.9% (1,642 MWh) is served by a purchase from the New York Power
27 Authority (NYPA); 4.1% (686 MWh) is served through a contract to purchase a portion of
28 the output from Cabot and Truner Falls hydroelectric facilities; 0.7% (123 MWh) is
29 through a contract to purchase a portion of the output of the Gravel Pit Solar project,

1 which is expected to reach commercial operation in July 2024; 0.3% (111 MWh) is
2 through roof-top solar projects on Block Island; 79.8% (13,269 MWh) is through a load
3 following contract with Shell Energy. These contracts meet approximately 95.2% of
4 BIUD's annual energy requirement. The remaining 4.8% is currently unhedged and
5 modeled to be served by purchases in the spot markets administered by ISO New
6 England. BIUD projects the costs of energy and associated RECs from these contracts to
7 be \$1,131,064.

8
9 BIUD also incurs costs for its load ratio share of the wholesale power markets for
10 capacity, regulation, reserves, and other ancillary services administered by ISO-NE. The
11 costs are estimated to be \$477,591. BIUD also incurs transmission costs for services
12 provided by National Grid for Local Network Service, NYPA for the delivery of power
13 through the NYISO to the interconnection with ISO-NE, and the owners of the Bulk
14 Power Transmission system in New England. These costs total \$1,165,863.

15
16 Therefore, BIUD's total power supply costs would equal \$2,774,518 if BIUD maintained
17 its current power supply procurement plan. Please see Attachment 1b to Mr. Bebyn's
18 testimony.

19
20 **Q. What would be required for BIUD to voluntarily meet the RI RES in 2024?**

21 **A.** For 2024, the RI RES requires that an obligated utility retain a minimum number of RECs
22 equal to 26% of the obligated utility's annual energy requirement from New Renewable
23 Energy Resources (those that came online after December 31, 1997) and 2% from
24 Existing Renewable Energy Resources (those that came on-line before January 1, 1998).
25 This means that to voluntarily meet the RI RES, BIUD's minimum requirement for New
26 RECs is 4,326 and its minimum requirement for Existing RECs is 333.

27
28 **Q. What is the cost impact to BIUD members for BIUD to voluntarily meet the RI RES?**

29 **A.** For 2024, BIUD is projected to receive approximately 234 RECs from projects that qualify

1 as New Renewable Resources – (a) Gravel Pit Solar (123 RECs) and (b) Block Island’s
2 Solar Initiative (111 RECs). Thus, the amount of RECs from New Renewable Resources
3 that BIUD must buy to meet the 26% RES requirement is 4,092. I assumed a price of
4 \$39.50/REC, which is the “Ask” price from broker-sheet data for 2024 vintage RECs as of
5 November 6, 2023, for a total incremental cost to BIUD members of \$161,134 to
6 voluntarily meet the RES requirement for New Resources.

7
8 BIUD is projected to receive approximately 686 RECs through its contract for
9 Cabot/Turner Falls. These RECs qualify as Existing Renewable Resources. 333 of these
10 RECs will satisfy BIUD’s existing requirement. Thus, there is no incremental cost to BIUD
11 members to voluntarily meet the RES requirement for Existing Resources.

12
13 **Q. What is the cost impact to BIUD members for BIUD to purchase enough Existing RECs**
14 **to become 100% renewable for 2024?**

15 **A.** To meet the 100% renewable threshold, BIUD will need to retain RECs to cover the
16 remaining 72% of its load that is above the 28% RES requirement. This will require BIUD
17 to retain and/or purchase an additional 11,979 RECs. BIUD will still have 353 RECs from
18 Cabot/Turner Falls, leaving 11,626 RECs to reach 100%. I have assumed a cost of
19 \$4.50/REC, which is an estimate of the “Ask” price from broker sheet data for 2024
20 vintage RECs as of November 6, 2023, for a projected cost of \$52,318. However,
21 because the Block Island Solar Initiative will pay for these RECs, as explained in Mr.
22 Wright’s testimony, there will be no incremental cost to BIUD members.

23
24 **Q. What is the net cost impact to BIUD members of BIUD voluntarily meeting the RI RES**
25 **and purchasing sufficient Existing RECs to meet the 100% renewable threshold?**

26 **A.** For 2024, the net cost to BIUD members is projected to be \$161,134.

27
28 **Q. Does this complete your pre-filed direct testimony?**

29 **A.** Yes it does.

RESUME OF CRAIG KIENY

OWNER/PRESIDENT

Energy Initiatives, Inc.
February 1998 - Present

Own and operate consulting business that provides power management services to electric utilities and other electric market participants using innovative, practical and effective methodologies and tools. Services include: short- and long-term resource strategy development and implementation; risk management; peak load management; contract negotiation; market price trend analyses; budget preparation and variance analyses; power cost projections; database management; and regulatory testimony.

Developer and owner of ISOanalysis.com, a website that stores hourly LMP data for ISO-New England, Midcontinent ISO, New York ISO and PJM control areas. User-friendly website allows subscribers to query LMP and components making up LMP for any node(s) in the control areas to conduct analyses, saving subscriber money due to reduced analysis time and IT infrastructure costs.

Past and current clients include investor-owned and not-for-profit utilities as well as power suppliers and marketers serving various control areas. Projects cover numerous issues including the import of power into and the export of power out of New England, short- and long-term power resource strategy development and implementation; transmission scheduling and analysis of various market rules in ISO New England, the New York ISO and PJM.

Responsible for assisting with managing power supply portfolios of Littleton (NH) Water and Light Department, and Wallingford (CT) Electric Division, two municipal utilities in New England. The process includes daily load bids, load forecasting, resource scheduling, contract negotiations, budgeting and budget variance analysis among others. These responsibilities require a solid understanding of ISO-NE market rules, all costs incurred by load-serving entities in New England and methodologies used by ISO-NE to allocate costs to various market participants.

VERMONT ELECTRIC COOPERATIVE

February 1998 – Present
Current Position – Manager of Power Planning

Responsible for overseeing all aspects of managing the Cooperatives power supply portfolio including strategy development and implementation. The Manager of Power Planning is also responsible for assisting the Chief Financial Officer with strategic and tactical planning in order to provide services to its members in a Least Cost manner while adhering to Vermont State laws, rules and regulations; policies adopted by the VEC Board of Directors; and the rules of the New England Power Pool and the Independent System Operator of New England.

Specific areas of oversight include:

- Negotiates power and transmission contracts based on VEC's requirements, in accordance with VEC's Board Policy concerning required authorizations, and consistent with statutory and regulatory requirements.

- Develops, implements, and monitors the power resource budgets and forecasts.
- Power supply contract negotiations;
- Implements, monitors, and measures VEC strategies, plans, and policies as they relate to power supply including storage.
- Works with staff to establish goals and work plans
- Continually monitoring, studying and investigates the availability of power resources to meet VEC's long term, intermediate, and short-term capacity and energy requirements.
- Develop and implement strategies for, resource cost hedging opportunities, and for new and emerging markets, including but not limited to, environmental attributes, such as "Renewable Energy Credits".
- Actively participates in strategic planning and is responsible for seeing that the departmental strategies are carried out by achieving goals and assigning goals to subordinate consistent with the plan and cooperative objectives.
- Prepare testimony, supporting analysis and discovery, and testify, if required, before the Vermont Public Service Board, and/or other regulatory agencies or commissions, in hearings and other regulatory proceedings.

These responsibilities require a solid understanding of ISO-NE market rules, all costs incurred by load-serving entities in New England and methodologies used by ISO-NE to allocate costs to various market participants.

Member of NEPOOL Participants Committee and Markets Committee

Member of New England Public Power Association Power Supply Committee

Board of Directors - Vermont Electric Power Producers, Inc.

Member of National Rural Electric Cooperatives Association Renewable and Distributed Energy Membership Advisory Group

MANAGER OF ENGINEERING, PLANNING AND RATES

Burlington Electric Department

July 1995 - February 1998

Managed the functions of the Engineering, Resource Planning, and Rates areas. As part of the utility's senior management team the position was also responsible for assisting in corporate strategy development and implementation.

The position required strong managerial skills and a thorough understanding of issues facing electric utilities including: the interaction between supply and demand-side management resources; cost allocation and rate design issues; the interaction between rate design strategies and resource acquisition strategies; and, distribution system design issues. Strong presentation and communication skills were essential for reporting to utility management, Board of Electric Commissioners and regulatory bodies.

SUPERVISOR OF RESOURCE PLANNING

Burlington Electric Department

October 1992 - July 1995

Established goals for, and supervised the functions of, the Resource Planning area including: short- and long-term supply planning; demand-side management planning and evaluation; load forecasting; and load research.

The position required a thorough understanding of the interaction between supply and demand-side management resources, impacts of load forecasts on resource selection, and insight load research can provide in the planning process.

EDUCATION

Bachelor of Science, Electrical Engineering – University of Vermont

Master of Business Administration – University of Vermont