

STATE OF NEW YORK PUBLIC SERVICE COMMISSION

Lightly Regulated Companies YEAR ENDED 12/31/2022

Instructions for this sheet:

- 1 Fill in your name, address and appropriate dates in the designated area below so that this information will carry to other sheets in the file.
- 2 If the respondent's name is long, the "Year ended December 31, 20__" may over pass the print range. This can be corrected by one of two methods: selecting a smaller font size on the specific sheet, or delete some spaces on the combined string below.

Please fill in the following:	
Respondent's exact legal name:	National Grid Generation LLC and Subsidiaries
Address line 1:	175 East Old Country Road
Address line 2:	Hicksville, NY 11801
For the period starting:	1/1/2022
For the year ended:	12/31/2022
Date of Report:	6/30/2023
YEAR ENDED 12/31/2022	

Annual Report of National Grid Generation LLC and Subsidiaries

GENERAL INSTRUCTIONS

- 1 This form of annual report is for those electric companies, gas companies and steam companies that have obtained an order providing for lightened regulation from the Public Service Commission of the State of New York, as provided by statutes of the said State.
- 2 The word *respondent*, wherever used in this report, means the person, firm, association, company, partnership, or corporation in whose behalf the report is made.
- 3 The Annual Report should be filed electronically. If the Annual Report is filed confidentially, a redacted and unredacted report should be filed. Both should be filed electronically to the respective e-mail addresses provided at dps.ny.gov. The verification page should be printed, signed by the authorized company representative, notarized and mailed to the Hon. Jaclyn A. Brillling, Secretary, Public Service Commission, 3 Empire State Plaza, Albany, New York 12223. Do not file the entire report in paper, only the verification page.
- 4 If it is necessary or desirable to insert additional statements for the purpose of further explanation of schedules, they should be properly identified electronically. Inserts for each schedule should be numbered and line Numbers, where needed, shown on the margin of each sheet. This also applies to all special or unusual entries not provided for in this form. Where information called for herein is not given, state fully the reason for its omission.
- 5 Every annual report should in all particulars be complete in itself, and reference to reports of former years or to other reports should not be made to take the place of required entries except as otherwise specifically authorized.
- 6 This report form is designed to cover the calendar year. If the respondent makes a report for any other period, the beginning and the end of the period must be clearly stated on the front cover, and throughout the report the appropriate cancellations of printed dates must be made. When operations cease during the year because of the disposition of property, the balance sheet and supporting schedules should consist of balances and items immediately prior to transfer (for accounting purposes), and the income statement and supporting schedules should be to the date of such transfer (for accounting purposes). If the books are not closed as of that date, the data in this report should be supported by information set forth in, or as a part of, the respondent's books of account.
- 7 Cents are to be omitted on all schedules except where they apply to averages and figures per unit where cents are important. The amounts shown on all supporting schedules shall agree with the item in the statement they support.

**LIGHTLY REGULATED
Gas, Electric and Steam Companies**

ANNUAL REPORT

OF

National Grid Generation LLC and Subsidiaries

175 East Old Country Road

Hicksville, NY 11801

(Address of principal business office at end of year)

FOR THE

YEAR ENDED 12/31/2022

TO THE

STATE OF NEW YORK

PUBLIC SERVICE COMMISSION

Name, title, address and telephone number (including area code), of
the person to contact concerning this report:

Bogdan Geambasu, Director of FERC Accounting, 2 Hanson Place, Brooklyn, NY 11217, (917) 743-8114

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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OFFICERS AND MANAGEMENT

Title (a)	Name (b)	Address (U.S mail & E-mail) (c)	Telephone Number (d)
President	William Hazelp	2 Hanson Place Brooklyn, NY 11217 william.hazelp@nationalgrid.com	(781) 907-3964
Vice president, Power Generation Operations	James P. Flannery	175 East Old Country Road Hicksville, NY 11801 James.Flannery@nationalgrid.com	(516) 545-4875
Director, FERC Accounting and Reporting	Bogdan Geambasu	2 Hanson Place Brooklyn, NY 11217 bogdan.geambasu@nationalgrid.com	(917) 743-8114

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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CONTROL OF STOCK CORPORATIONS

(if so organized)

1. Show the requested information concerning shareholders of the respondent who at the date of the latest closing of the stock-book prior to the actual filing of this report held ten per centum or more of the voting capital stock of the respondent. If the stock-book was not closed within one year, show such shareholders as of the end of the year.
2. If voting power was not in proportion of the number of shares held, give full particulars.

Name of Shareholder (a)	Number of voting shares held (date) _____			
	Common (b)	Preferred		Other securities with voting power (e)
		First (c)	Second (d)	
National Grid USA*	N/A	N/A	N/A	N/A

* National Grid Generation LLC is a Limited Liability Company, and, as such, it does not issue stock. Its membership interest is held by the parent company, National Grid USA.

If not incorporated, identify below each partner/member/other owner holding more than a 10% interest in the lightly regulated company making this Report, and the size of that interest as of the end of the reporting year.

Name of Respondent *		This Report is:	Year of Report
National Grid Generation LLC and Subsidiaries		(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	2022
COMPARATIVE BALANCE SHEET (ASSETS AND OTHER DEBITS)			
Line No.	Title of Account (a)	Balance at Beg. of Year (b)	Balance at End of Year (c)
1	PLANT		
2	Plant	1,958,702,645	2,038,922,273
3	Construction Work in Progress	41,129,194	46,785,688
4	TOTAL Plant (Enter Total of lines 2 and 3)	1,999,831,839	2,085,707,961
5	(Less) Accum. Prov. for Depr. Amort. Depl.	1,447,602,546	1,498,483,669
6	Net Plant (Enter Total of line 4 less 5)	552,229,293	587,224,292
7	OTHER PROPERTY AND INVESTMENTS		
8	Other Property	16,951,460	16,951,460
9	(Less) Accum. Prov. for Depr. and Amort.	11,579,958	11,579,958
10	Investments in Associated Companies	-	-
11	Investment in Subsidiary Companies	48,765,895	50,885,501
12	Other Investments	-	-
13	Special Funds	-	-
14	TOTAL Other Property and Investments (Total of lines 8-9, 10-13)	54,137,397	56,257,003
15	CURRENT AND ACCRUED ASSETS		
16	Cash and Cash Equivalents	244,000	-
17	Notes Receivable	-	-
18	Accounts Receivable	481,003	313,012
19	(Less) Accum. Prov. for Uncollectible Acct.-Credit	186,910	138,560
20	Notes Receivable from Associated Companies	62,821,416	131,983,050
21	Receivables from Assoc. Companies	3,170,993	5,312,671
22	Fuel Stock	-	-
23	Plant Materials and Operating Supplies	39,698,713	40,866,828
24	Merchandise	-	-
25	Other Materials and Supplies	-	-
26	Inventories	-	-
27	Prepayments	781,521	2,187,747
28	Interest and Dividends Receivable	-	-
29	Rents Receivable	159,918	25,028
30	Accrued Revenues	10,467,103	5,856,320
31	Miscellaneous Current and Accrued Assets	42,807,241	71,235,471
32	TOTAL Current and Accrued Assets (Enter Total of lines 16 thru 31)	160,444,998	257,641,567
33	DEFERRED DEBITS		
34	Unamortized Debt Expense	-	-
35	Extraordinary Property Losses	-	-
36	Clearing Account	-	(6,011)
37	Miscellaneous Deferred Debits	6,494,475	4,447,841
38	Accumulated Deferred Income Taxes	20,593,208	11,469,933
39	TOTAL Deferred Debits (Enter Total of lines 34 thru 38)	27,087,683	15,911,763
40	TOTAL Assets and Other Debits (Enter Total of lines 6, 14, 32, 39)	793,899,371	917,034,625

* If a holding company, identify New York subsidiaries and their relationship to respondent below

National Grid Generation LLC is a holding company whose wholly-owned New York subsidiaries are National Grid Glenwood Energy Center LLC and National Grid Port Jefferson Energy Center LLC.

Name of Respondent *		This Report is:	Year of Report
National Grid Generation LLC and Subsidiaries		(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	2022
COMPARATIVE BALANCE SHEET (LIABILITIES AND OTHER CREDITS)			
Line No.	Title of Account (a)	Balance at Beg. of Year (b)	Balance at End of Year (c)
1	PROPRIETARY CAPITAL		
2	Common Stock Issued	-	-
3	Preferred Stock Issued	-	-
4	Premium on Capital Stock	-	-
5	Other Paid-in Capital	177,998,786	180,319,892
6	Retained Earnings	154,960,181	186,978,870
7	Unappropriated Undistributed Subsidiary Earnings	19,927,183	22,046,789
8	TOTAL Proprietary Capital (Enter Total of lines 2 thru 7)	352,886,150	389,345,551
9	LONG-TERM DEBT		
10	Bonds	66,005,000	66,005,000
11	Advances from Associated Companies	88,900,000	76,200,000
12	Other Long-Term Debt	-	-
13	TOTAL Long-Term Debt (Enter Total of Lines 10 thru 12)	154,905,000	142,205,000
14	OTHER NONCURRENT LIABILITIES		
15	Obligations Under Capital Leases - Noncurrent	-	-
16	Accumulated Miscellaneous Operating Provisions	33,805,282	80,867,461
17	TOTAL Other Noncurrent Liabilities (Enter Total of lines 15 thru 16)	33,805,282	80,867,461
18	CURRENT AND ACCRUED LIABILITIES		
19	Notes Payable	-	-
20	Accounts Payable	96,336,170	128,724,178
21	Payables to Associated Companies	8,833,490	9,744,466
22	Taxes Accrued	64,882,895	63,699,515
23	Interest Accrued	493,523	440,567
24	Dividends Declared	-	-
25	Matured Long-Term Debt	-	-
26	Miscellaneous Current and Accrued Liabilities	27,828,102	35,141,625
27	Obligations Under Capital Leases - Current	-	-
28	TOTAL Current and Accrued Liabilities (Enter Total of lines 19 - 27)	198,374,180	237,750,351
29	DEFERRED CREDITS		
30	Accumulated Deferred Investment Tax Credits	-	-
31	Other Deferred Credits	21,036,915	42,967,449
32	Other Liabilities	-	-
33	Accumulated Deferred Income Taxes	32,891,844	23,898,813
34	TOTAL Deferred Credits (Enter Total of lines 30 thru 33)	53,928,759	66,866,262
35	TOTAL Liabilities and Other Credits (Enter Total of lines 8, 13, 17, 28 and 34)	793,899,371	917,034,625

* If a holding company, identify New York subsidiaries and their relationship to respondent below

National Grid Generation LLC is a holding company whose wholly-owned New York subsidiaries are National Grid Glenwood Energy Center LLC and National Grid Port Jefferson Energy Center LLC.

Name of Respondent *		This Report is:		Year of Report	
National Grid Generation LLC and Subsidiaries		(1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		2022	
STATEMENT OF INCOME FOR THE YEAR					
Line No.	Account (a)	TOTAL		Current Year (b)	Previous Year** (c)
1	REVENUES				
2	Operating Revenues			471,186,979	477,756,338
3	Other Revenues			-	-
4	TOTAL Revenue (Enter Total of lines 2-3)			471,186,979	477,756,338
5	EXPENSES				
6	Operation and Maintenance Expenses			193,553,640	186,795,573
7	Depreciation Expense			59,996,071	58,781,320
8	Amortizations			74,783	43,229
9	Interest Expense			7,568,690	4,851,479
10	Amortization of Debt Discount/Expense			-	-
11	Taxes Other Than Income Taxes			167,329,880	192,094,549
12	TOTAL Expenses (Enter Total of lines 6-11)			428,523,064	442,566,150
13	Net Operating Income (Enter Total of line 4 less 12)			42,663,915	35,190,188
14	OTHER INCOME AND DEDUCTIONS/EXTRAORDINARY ITEMS				
15	Gains/Losses - Net			3,946,546	3,616,961
16	Extraordinary Income			-	-
17	Extraordinary Deductions			-	-
18	Net Other Income and Deductions (Enter Total of lines 15 and 16 less line 17)			3,946,546	3,616,961
19	Net Income before Income Taxes (Enter Total of lines 13 and 18)			46,610,461	38,807,149
20	INCOME TAXES				
21	Income Taxes -- Federal			7,847,353	12,873,156
22	-- Other			4,494,569	4,645,706
23	Provision for Deferred Income Taxes - Net			130,244	(7,270,107)
24	Investment Tax Credit Adj.			-	-
25	TOTAL Income Taxes (Enter Total of lines 21 thru 24)			12,472,166	10,248,755
26	Net Income (Enter Total of line 19 less 25)			34,138,295	28,558,394

* If a holding company, identify New York subsidiaries and their relationship to respondent below

National Grid Generation LLC is a holding company whose wholly-owned New York subsidiaries are National Grid Glenwood Energy Center LLC and National Grid Port Jefferson Energy Center LLC.

** The prior year figures need not be provided in the first year of reporting.

GENCO Data for State Filing
 January 2022 - December 2022 Reporting Year
 Data date 5/25/2023

Name of Generation Unit:	EF Barrett Unit 1	EF Barrett Unit 2	Northport Unit 1	Northport Unit 2	Northport Unit 3	Northport Unit 4	Port Jefferson Unit 3	Port Jefferson Unit 4	E.F. Barrett GT Unit 01	E.F. Barrett GT Unit 02	E.F. Barrett GT Unit 03
Location of Generation Unit:	Island Park, NY	Island Park, NY	Northport, NY	Northport, NY	Northport, NY	Northport, NY	Port Jefferson, NY	Port Jefferson, NY	Oceanside, NY	Oceanside, NY	Oceanside, NY
Item (a)	Amount (Annually by Reporting Year)										
Summer Capability (MW) ¹	190.0	193.0	394.7	398.2	397.0	378.0	188.5	188.7	16.4	16.5	16.5
Winter Capability (MW) ²	190.7	182.4	396.2	399.5	395.7	376.0	192.0	197.2	20.0	19.3	19.2
DMNC Test (MW) ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³
Minimum Generation Level	40	40	100	100	100	100	40	40	n/a	n/a	n/a
Total Available Hours	6,950	3,652	5,824	5,437	7,708	5,702	7,381	5,788	6,969	7,850	7,677
Total Synchronous Hours	6,681	2,875	3,149	2,508	4,744	2,257	2,219	1,110	612	742	672
Hours of Planned Maintenance Outage ⁴	1,773	4,870	2,887	3,228	1,031	3,045	1,379	2,949	280	636	629
Hours on Forced Outage	37	239	49	94	21	13	0	23	1,511	274	453
Hours on Partial Forced Outage ⁵	56	32	14	23	37	52	2	25	0	1	1
Average Full Load Heat Rate (btu/kWh)	10,971	10,907	10,161	10,542	10,098	10,366	10,890	10,721	17,126	17,126	17,126

Notes

1. Values shown are qualified Installed Capacity for May 2022 - October 2022 NYISO Summer Period.
2. Values shown are qualified Installed Capacity for November 2022 - April 2023 NYISO Winter Period.
3. Summer DMNC Test results are shown as Summer Capability above. Winter DMNC Test results are shown as Winter Capability above.
4. Includes all scheduled outage hours (both NERC GADS Planned Outages and NERC GADS Maintenance Outages).
5. Equivalent Forced Derated Hours (per NERC GADS).
6. Retired from Installed Capacity Market

GENCO Data for State Filing
 January 2022 - December 2022 Reporting
 Data date 5/25/2023

Name of Generation Unit:	E.F. Barrett GT Unit 04	E.F. Barrett GT Unit 05	E.F. Barrett GT Unit 06	E.F. Barrett GT Unit 08	E.F. Barrett GT Unit 09	E.F. Barrett GT Unit 10	E.F. Barrett GT Unit 11	E.F. Barrett GT Unit 12	East Hampton Dsl Unit 2	East Hampton Dsl Unit 3	East Hampton Dsl Unit 4
Location of Generation Unit:	Oceanside, NY	Oceanside, NY	Oceanside, NY	Oceanside, NY	Oceanside, NY	Oceanside, NY	Oceanside, NY	Oceanside, NY	East Hampton, NY	East Hampton, NY	East Hampton, NY
Item (a)	Amount (Annually by Reporting Year)										
Summer Capability (MW) ¹	16.1	15.0	15.8	14.9	39.0	38.6	38.7	37.0	2.0	2.0	2.0
Winter Capability (MW) ²	19.0	17.9	19.1	17.1	49.8	48.3	48.6	48.2	2.0	2.0	2.0
DMNC Test (MW) ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³
Minimum Generation Level	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Available Hours	7,492	7,451	6,052	7,750	5,421	5,357	4,994	4,103	6,829	6,333	6,972
Total Synchronous Hours	510	422	510	502	994	1,092	909	849	429	347	438
Hours of Planned Maintenance Outage ⁴	663	1,028	2,583	686	3,177	3,187	1,407	4,629	1,525	1,484	1,484
Hours on Forced Outage	605	280	125	324	162	216	2,359	28	407	943	304
Hours on Partial Forced Outage ⁵	1	0	0	2	80	0	287	13	31	74	74
Average Full Load Heat Rate (btu/kWh)	17,126	17,126	17,126	17,126	15,380	15,380	15,380	15,380	10,100	10,100	10,100

Notes

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2. Values shown are qualified Installed Capacity for November 2022 - April 2023 NYISO Winter Period.
3. Summer DMNC Test results are shown as Summer Capability above. Winter DMNC Test results are shown as Winter Capability above.
4. Includes all scheduled outage hours (both NERC GADS Planned Outages and NERC GADS Maintenance Outages).
5. Equivalent Forced Derated Hours (per NERC GADS).
6. Retired from Installed Capacity Market

GENCO Data for State Filing
January 2022 - December 2022 Reporting
 Data date 5/25/2023

Name of Generation Unit:	East Hampton GT Unit 1	Glenwood GT Unit 1 ⁶	Glenwood GT Unit 2	Glenwood GT Unit 3	Holtsville GT Unit 01	Holtsville GT Unit 02	Holtsville GT Unit 03	Holtsville GT Unit 04	Holtsville GT Unit 05	Holtsville GT Unit 06	Holtsville GT Unit 07
Location of Generation Unit:	East Hampton, NY	Glenwood Landing, NY	Glenwood Landing, NY	Glenwood Landing, NY	Holbrook, NY	Holbrook, NY	Holbrook, NY	Holbrook, NY	Holbrook, NY	Holbrook, NY	Holbrook, NY
Item (a)	Amount (Annually by Reporting Year)										
Summer Capability (MW) ¹	19.3	n/a	43.8	44.7	52.9	54.8	51.3	54.2	55.1	50.6	51.8
Winter Capability (MW) ²	24.0	n/a	65.1	67.2	66.1	65.7	63.1	67.3	61.9	66.7	62.9
DMNC Test (MW) ³	Capabilities above ³	n/a	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³
Minimum Generation Level	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Available Hours	6,640	8,760	4,957	5,258	2,898	8,631	7,668	7,453	7,182	6,518	8,014
Total Synchronous Hours	761	0	51	22	52	55	63	30	38	181	30
Hours of Planned Maintenance Outage ⁴	1,781	0	3,457	2,572	467	90	839	1,253	1,558	2,084	715
Hours on Forced Outage	339	0	346	930	5,395	39	253	54	21	158	31
Hours on Partial Forced Outage ⁵	0	0	1	0	1	1	0	0	0	0	1
Average Full Load Heat Rate (btu/kWh)	13,385	17,126	13,100	13,100	13,033	13,033	13,033	13,033	13,033	13,033	13,033

Notes

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2. Values shown are qualified Installed Capacity for November 2022 - April 2023 NYISO Winter Period.
3. Summer DMNC Test results are shown as Summer Capability above. Winter DMNC Test results are shown as Winter Capability above.
4. Includes all scheduled outage hours (both NERC GADS Planned Outages and NERC GADS Maintenance Outages).
5. Equivalent Forced Derated Hours (per NERC GADS).
6. Retired from Installed Capacity Market

GENCO Data for State Filing
January 2022 - December 2022 Reporting
 Data date 5/25/2023

Name of Generation Unit:	Holtsville GT Unit 08	Holtsville GT Unit 09	Holtsville GT Unit 10	Northport GT Unit 1	Port Jefferson GT Unit 1	Shoreham GT Unit 1	Shoreham GT Unit 2	Southampton GT Unit 1	Southold GT Unit 4	Wading River GT Unit 1	Wading River GT Unit 2
Location of Generation Unit:	Holbrook, NY	Holbrook, NY	Holbrook, NY	Northport, NY	Port Jefferson, NY	Wading River, NY	Wading River, NY	Southampton, NY	Southold, NY	Shoreham, NY	Shoreham, NY
Item (a)	Amount (Annually by Reporting Year)										
Summer Capability (MW) ¹	53.3	56.5	49.4	12.0	12.6	44.7	15.7	8.3	9.1	75.6	74.0
Winter Capability (MW) ²	64.5	65.0	63.3	12.7	15.3	61.4	20.3	10.9	13.1	96.8	97.4
DMNC Test (MW) ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³
Minimum Generation Level	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Available Hours	6,822	7,480	7,343	5,853	5,403	5,686	7,639	8,074	4,235	7,761	8,068
Total Synchronous Hours	39	80	134	10	11	15	35	52	91	97	80
Hours of Planned Maintenance Outage ⁴	1,929	1,259	1,398	2,825	3,357	471	455	685	1,661	672	441
Hours on Forced Outage	9	20	19	82	0	2,603	667	1	2,864	328	251
Hours on Partial Forced Outage ⁵	0	1	0	0	0	0	0	0	0	0	0
Average Full Load Heat Rate (btu/kWh)	13,033	13,033	13,033	17,126	17,126	13,100	13,385	20,678	19,678	12,142	12,142

Notes

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4. Includes all scheduled outage hours (both NERC GADS Planned Outages and NERC GADS Maintenance Outages).
5. Equivalent Forced Derated Hours (per NERC GADS).
6. Retired from Installed Capacity Market

GENCO Data for State Filing
January 2022 - December 2022 Reporting
 Data date 5/25/2023

Name of Generation Unit:	Wading River GT Unit 3	West Babylon GT Unit 4 ⁶	Glenwood Energy Center GT Unit 4	Glenwood Energy Center GT Unit 5	Port Jefferson Energy Center GT Unit 2	Port Jefferson Energy Center GT Unit 3
Location of Generation Unit:	Shoreham, NY	West Babylon, NY	Glenwood Landing, NY	Glenwood Landing, NY	Port Jefferson, NY	Port Jefferson, NY
Item (a)	Amount (Annually by Reporting Year)					
Summer Capability (MW) ¹	74.9	n/a	41.6	40.9	41.7	39.0
Winter Capability (MW) ²	98.2	n/a	46.1	46.0	47.5	47.4
DMNC Test (MW) ³	Capabilities above ³	n/a	Capabilities above ³	Capabilities above ³	Capabilities above ³	Capabilities above ³
Minimum Generation Level	n/a	n/a	n/a	n/a	n/a	n/a
Total Available Hours	7,837	8,760	6,608	6,574	5,929	6,309
Total Synchronous Hours	119	1	2,432	2,249	1,201	1,148
Hours of Planned Maintenance Outage ⁴	842	0	2,052	1,976	2,787	2,437
Hours on Forced Outage	81	0	99	210	44	13
Hours on Partial Forced Outage ⁵	0	0	0	0	0	0
Average Full Load Heat Rate (btu/kWh)	12,142	13,100	10,300	10,300	10,200	10,200

Notes

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Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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Lightly Regulated Generation Facilities
Site Specific Revenues and Expenses

Name of Holding Company: National Grid Generation LLC
Name of Generation Subsidiary: National Grid Glenwood Energy Center, LLC
Location of Generation Site: Glenwood, NY

Item (a)	Amount (Annually/End of Reporting Period) (b)
Capacity Revenues	13,167,656
Energy and Ancillary Services Revenues	-
Other Revenues	-
Net Plant in Service	18,705,824
Accumulated Depreciation	77,649,065
Depreciation Charged to Reporting Period	4,194,932
Property Taxes	-
On Site O&M	7,409,678
Fuel Expense (part of On Site O&M)	2,105
Fuel Inventory	-
Other Expenses	525,965

Supply a separate sheet for each generation subsidiary that is classified by the holding company as a separate subsidiary.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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Lightly Regulated Generation Facilities
Site Specific Revenues and Expenses

Name of Holding Company: National Grid Generation LLC

Name of Generation Subsidiary: National Grid Port Jefferson Energy Center LLC

Location of Generation Site: Port Jefferson, NY

Item (a)	Amount (Annually/End of Reporting Period) (b)
Capacity Revenues	12,370,632
Energy and Ancillary Services Revenues	-
Other Revenues	-
Net Plant in Service	20,201,446
Accumulated Depreciation	86,278,375
Depreciation Charged to Reporting Period	4,486,552
Property Taxes	-
On Site O&M	6,059,110
Fuel Expense (part of On Site O&M)	1,910
Fuel Inventory	-
Other Expenses	645,776

Supply a separate sheet for each generation subsidiary that is classified by the holding company as a separate subsidiary.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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ELECTRIC PLANT
(Lightly Regulated Companies)

Item (a)	Description (b)
Real Property Structures Generation Units Reservoirs, Dams and Waterways Electric Delivery Lines No. of Retail Service Connections	E. F. Barrett #1 & #2, each a 175 MW reheat steam generating unit; E. F. Barrett GT#1 through #6 & GT#8, industrial combustion turbines, each 18 MW; E. F. Barrett GT#9 through #12, all 4 are identical aircraft derivative combustion turbines, each 42 MW

Provide a separate sheet for each separate site listed at Page 7.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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ELECTRIC PLANT
(Lightly Regulated Companies)

Item (a)	Description
Real Property	
Structures	
Generation Units	East Hampton CT #1, industrial combustion turbine, 21 MW;
Reservoirs, Dams and Waterways	Three Diesel generators, 2 MW each
Electric Delivery Lines	
No. of Retail Service Connections	

Provide a separate sheet for each separate site listed at Page 7.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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ELECTRIC PLANT
(Lightly Regulated Companies)

Item (a)	Description
Real Property Structures Generation Units Reservoirs, Dams and Waterways Electric Delivery Lines No. of Retail Service Connections	 Glenwood Energy Center CT #4 & #5, both are GE LM-6000, 40 MW each; Glenwood CT #1, industrial combustion turbine, 16 MW; Glenwood CT #2 & #3, industrial combustion turbines, each 55 MW

Provide a separate sheet for each separate site listed at Page 7.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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ELECTRIC PLANT
(Lightly Regulated Companies)

Item (a)	Description
Real Property Structures Generation Units Reservoirs, Dams and Waterways Electric Delivery Lines No. of Retail Service Connections	Holtsville GT#1 through #10, all 10 are identical aircraft derivative combustion turbines, each 57 MW

Provide a separate sheet for each separate site listed at Page 7.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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ELECTRIC PLANT
(Lightly Regulated Companies)

Item (a)	Description
Real Property	
Structures	
Generation Units	Northport reheat steam generators #1 - #4, all are 375 MW each;
Reservoirs, Dams and Waterways	Northport CT #1, Industrial CT, 16 MW
Electric Delivery Lines	
No. of Retail Service Connections	

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Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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ELECTRIC PLANT
(Lightly Regulated Companies)

Item (a)	Description
Real Property Structures Generation Units Reservoirs, Dams and Waterways Electric Delivery Lines No. of Retail Service Connections	Port Jefferson #3 and #4; both are 175 MW reheat steam generators; Port Jefferson CT #1, Industrial Combustion Turbine, 16 MW; Two GE LM 6000, Port Jefferson CT #2 and #3, 40 MW each

Provide a separate sheet for each separate site listed at Page 7.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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ELECTRIC PLANT
(Lightly Regulated Companies)

Item (a)	Description
Real Property	
Structures	
Generation Units	Shoreham CT #1, Industrial Combustion Turbine, 53 MW; Shoreham CT #2, Aircraft Derivative Combustion Turbine, 19 MW
Reservoirs, Dams and Waterways	
Electric Delivery Lines	
No. of Retail Service Connections	

Provide a separate sheet for each separate site listed at Page 7.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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ELECTRIC PLANT
(Lightly Regulated Companies)

Item (a)	Description
Real Property Structures Generation Units Reservoirs, Dams and Waterways Electric Delivery Lines No. of Retail Service Connections	Southampton CT 1, Industrial Combustion Turbine, 12 MW

Provide a separate sheet for each separate site listed at Page 7.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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ELECTRIC PLANT
(Lightly Regulated Companies)

Item (a)	Description
Real Property Structures Generation Units Reservoirs, Dams and Waterways Electric Delivery Lines No. of Retail Service Connections	Southold CT #4, Industrial Combustion Turbine, 14 MW

Provide a separate sheet for each separate site listed at Page 7.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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ELECTRIC PLANT
(Lightly Regulated Companies)

Item (a)	Description
Real Property Structures Generation Units Reservoirs, Dams and Waterways Electric Delivery Lines No. of Retail Service Connections	West Babylon CT #4, Industrial Combustion Turbine, 52 MW

Provide a separate sheet for each separate site listed at Page 7.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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ELECTRIC PLANT
(Lightly Regulated Companies)

Item (a)	Description
Real Property Structures Generation Units Reservoirs, Dams and Waterways Electric Delivery Lines No. of Retail Service Connections	Wading River CT #1 - #3, Three identical Industrial Combustion Turbines, each 80 MW

Provide a separate sheet for each separate site listed at Page 7.

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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GAS PLANT
(Lightly Regulated Companies)

Item (a)	Description (b)
Real Property Structures Production Equipment and Wells Gas Delivery Lines No. of Retail Service Connections	Not Applicable

Name of Respondent National Grid Generation LLC and Subsidiaries	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 2022
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STEAM PLANT
(Lightly Regulated Companies)

Item (a)	Description (b)
Real Property Structures Steam Production Equipment Steam Delivery Lines No. of Retail Service Connections	Not Applicable

DIRECTIONS CONCERNING VERIFICATION OF THIS REPORT

Section 66, subdivision 5, and Section 80, subdivision 5, of the Public Service Law, contain the following: "It shall be the duty of every ... [lightly regulated gas, electric and steam] corporation to file with the Commission an annual report, verified by the oath of the president, vice president, treasurer, secretary, manager, or receiver, if any, or by the person required to file the same."

The deponent shall specify those portions of the foregoing report concerning which the deponent does not possess actual knowledge, identifying them by page numbers and schedules where indicated below. If the portion excepted is only a part of a schedule, the numbers of the lines excepted must also be shown.

VERIFICATION.

State of New York }
County of Kings } ss.:

Michael Dixon being duly sworn deposes and says:

I am the Vice President, FERC Controller of National Grid Generation LLC
(Here insert the official title of the deponent.) (Here insert the exact name of the respondent.)

I have examined the foregoing annual report of the said company which consists of 29 printed pages, being pages 1 to 29, both inclusive and insert pages 0, and to the best of my knowledge, information and belief all statements of fact contained in this annual report are correct statements in all material respects regarding the business affairs of the respondent, and the financial statements and other financial information contained in this annual report conform in all material respects to the respondent's books and records kept in accordance with its accounting practices.

As to the foregoing matters stated upon my information and belief instead of my knowledge, I believe the annual report to be true in all material respects. The sources of my information and belief as to the matters not stated upon my knowledge are as follows:



(signature)

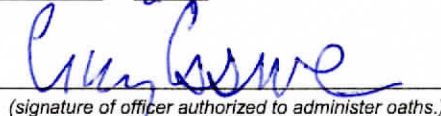
Subscribe and sworn to before me,

Michael Dixon

in and for the state and county above named, this

30th day of JUNE, 2023

My commission expires 2/6, 2027


(signature of officer authorized to administer oaths.)

CRAIG R. ESSWEIN
NOTARY PUBLIC, State of New York
No. 02ES4946481
Qualified in Nassau County
Commission Expires February 6, ~~19~~ 27

(Affix seal or stamp)

The foregoing oath must be executed and this report filed with the State of New York, Department of Public Service, Public Service Commission, Albany, N.Y. 12223, on or before July 1, next following the end of year of reporting.