

**2022.06.28 - 2021 NYSPC Working File redacted signed by JEL notarized.pdf**

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Created: June 28, 2022 10:25:10 -6:00
Pages: 28
Electronic Notary: Yes / State: TX

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E-Signature Summary**E-Signature 1: Judith Lagano (JL)**

June 28, 2022 10:26:38 -6:00 [A7C4D76A6342] [163.120.64.30]
judith.lagano@nrg.com (Principal)

E-Signature Notary: Elizabeth WOLFORD (EW)

June 28, 2022 10:26:38 -6:00 [06809C618FA8] [163.120.64.30]
liz.wolford@nrg.com
I, Elizabeth WOLFORD, did witness the participants named above electronically sign this document.



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

ANNUAL REPORT

OF

NRG Energy, Inc.

804 Carnegie Center

Princeton NJ 08540

(Address of principal business office at end of year)

FOR THE

YEAR ENDED 12/31/2021

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:

Jennifer Hsia, Managing Senior Counsel

804 Carnegie Center, Princeton, NJ 08540; Phone: 609-524-4500



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.



Name of Respondent NRG Energy, Inc.		This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 12/31/2021
OFFICERS AND MANAGEMENT			
Title (a)	Name (b)	Address (U.S mail & E-mail) (c)	Telephone Number (d)
Director, President & Chief Executive Officer	Mauricio Gutierrez	804 Carnegie Center Princeton NJ 08540	609.524.4500
Executive Vice President & Chief Financial Officer	Alberto Fornaro	804 Carnegie Center Princeton NJ 08540	609.524.4500
Head of Competitive Markets	Christopher S. Moser	804 Carnegie Center Princeton NJ 08540	609.524.4500
Senior Vice President and Chief Compliance Officer	Michael R. Bramnick	804 Carnegie Center Princeton NJ 08540	609.524.4500
Executive Vice President & General Counsel	Brian E. Curci	804 Carnegie Center Princeton NJ 08540	609.524.4500
Senior Vice President, NRG NRG Services, Strategy, and Mergers and Acquisitions	Bruce Chung	804 Carnegie Center Princeton NJ 08540	609.524.4500
Vice President & Corporate Controller	Emily Picarello	804 Carnegie Center Princeton NJ 08540	609.524.4500
Senior Vice President, Investor Relations	Kevin Cole	804 Carnegie Center Princeton NJ 08540	609.524.4500
Senior Vice President and Treasurer	Gaetan Frotte	804 Carnegie Center Princeton NJ 08540	609.524.4500
Senior Vice President Chief Risk Officer	Thomas Anthony Smith	804 Carnegie Center Princeton NJ 08540	609.524.4500
Senior Vice President, Chief Program Officer	Donna Benefield	804 Carnegie Center Princeton NJ 08540	609.524.4500
Executive Vice President, NRG Business	Robert J. Gaudette	804 Carnegie Center Princeton NJ 08540	609.524.4500
Vice President and Corporate Tax Officer	Louis A. Teuscher	804 Carnegie Center Princeton NJ 08540	609.524.4500
Senior Vice President, Asset Management	Judith Lagano	804 Carnegie Center Princeton NJ 08540	609.524.4500
Executive Vice President, NRG Home	Elizabeth R. Killinger	804 Carnegie Center Princeton NJ 08540	609.524.4500
Senior Vice President, Information Technology	Kim Hales	804 Carnegie Center Princeton NJ 08540	609.524.4500
Senior Vice President, Plant Operations	Matthew Pistner	804 Carnegie Center Princeton NJ 08540	609.524.4500
Vice President, Deputy General Counsel and Corporate Secretary	Christine Zoino	804 Carnegie Center Princeton NJ 08540	609.524.4500
Senior Vice President, Data Analytics	Dak Liyanearachchi	804 Carnegie Center Princeton, NJ 08540	609.524.4500
Vice President, Sustainability	Jeanne-Mey Sun	804 Carnegie Center Princeton, NJ 08540	609-524-4500
Senior Vice President, Marketing, Communications & Philanthropy	Virginia Kinney	804 Carnegie Center Princeton, NJ 08540	609-524-4500



Name of Respondent * NRG Energy		This Report is: (1) [X] An Original (2) [] A Resubmission	Year of Report 12/31/2021
COMPARATIVE BALANCE SHEET (ASSETS AND OTHER DEBITS, IN MILLIONS)			
Line No.	Title of Account (a)	Balance at Beg. of Year (b)	Balance at End of Year (c)
1	PLANT		
2	Plant	\$ 3,694	\$ 2,013
3	Construction Work in Progress	97	124
4	TOTAL Plant (Enter Total of lines 2 and 3)	3,791	2,137
5	(Less) Accum. Prov. for Depr. Amort. Depl.	1,936	1,308
6	Net Plant (Enter Total of line 4 less 5)	\$ 1,855	\$ 829
7	OTHER PROPERTY AND INVESTMENTS		
8	Other Property	453	637
9	(Less) Accum. Prov. for Depr. and Amort.	0	0
10	Investments in Associated Companies	346	157
11	Investment in Subsidiary Companies		
12	Other Investments		
13	Special Funds		
14	TOTAL Other Property and Investments (Total of lines 8-9, 10-13)	\$ 799	\$ 794
15	CURRENT AND ACCRUED ASSETS		
16	Cash and Cash Equivalents	3,930	1110
17	Notes Receivable	2	0
18	Accounts Receivable	904	3245
19	(Less) Accum. Prov. for Uncollectible Acct.-Credit		
20	Notes Receivable from Associated Companies		
21	Receivables from Assoc. Companies		
22	Fuel Stock	239	222
23	Plant Materials and Operating Supplies	327	498
24	Merchandise		
25	Other Materials and Supplies		
26	Inventories		
27	Prepayments	257	395
28	Interest and Dividends Receivable		
29	Rents Receivable		
30	Accrued Revenues		
31	Miscellaneous Current and Accrued Assets	608	5,593
32	TOTAL Current and Accrued Assets (Enter Total of lines 16 thru 31)	\$ 6,267	\$ 11,063
33	DEFERRED DEBITS		
34	Unamortized Debt Expense		
35	Extraordinary Property Losses		
36	Clearing Account		
37	Miscellaneous Deferred Debits	2,915	8,341
38	Accumulated Deferred Income Taxes	3,066	2,155
39	TOTAL Deferred Debits (Enter Total of lines 34 thru 38)	\$ 5,981	\$ 10,496
40	TOTAL Assets and Other Debits (Enter Total of lines 6, 14, 32, 39)	\$ 14,902	\$ 23,182

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

NRG Energy, Inc. ("NRG") is reporting on behalf of its subsidiaries that operate in New York: Astoria Gas Turbine Power LLC and Dunkirk Power LLC. Oswego Harbor Power LLC and Arthur Kill Power LLC were sold to Generation Bridge Acquisition, LLC as of December 1, 2021. Reference Case 21-E-0196, *Order Approving Financing and Ruling on Transfer*, issued and effective on November 22, 2021. The 2021 *Lightly Regulated Gas, Electric and Steam Companies Annual Report* for Oswego Harbor Power LLC and Arthur Kill Power LLC will be made by the new owners.



Name of Respondent* NRG Energy		This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 12/31/2021
COMPARATIVE BALANCE SHEET (LIABILITIES AND OTHER CREDITS, IN MILLIONS)			
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	\$ 4	\$ 4
3	Preferred Stock Issued	0	0
4	Premium on Capital Stock		
5	Other Paid-in Capital	8,517	8,531
6	Retained Earnings	(6,841)	(4,935)
7	Unappropriated Undistributed Subsidiary Earnings	0	0
8	TOTAL Proprietary Capital (Enter Total of lines 2 thru 7)	1,680	3,600
9	LONG-TERM DEBT		
10	Bonds		
11	Advances from Associated Companies		
12	Other Long-Term Debt	8,691	7,966
13	TOTAL Long-Term Debt (Enter Total of Lines 10 thru 12)	\$ 8,691	\$ 7,966
14	OTHER NONCURRENT LIABILITIES		
15	Obligations Under Capital Leases - Noncurrent	0	0
16	Accumulated Miscellaneous Operating Provisions		
17	TOTAL Other Noncurrent Liabilities (Enter Total of lines 15 thru 16)	0	0
18	CURRENT AND ACCRUED LIABILITIES		
19	Notes Payable		
20	Accounts Payable	649	2,274
21	Payables to Associated Companies		
22	Taxes Accrued		
23	Interest Accrued	0	0
24	Dividends Declared		
25	Matured Long-Term Debt	1	4
26	Miscellaneous Current and Accrued Liabilities	1,265	5,637
27	Obligations Under Capital Leases - Current		
28	TOTAL Current and Accrued Liabilities (Enter Total of lines 19 - 27)	\$1,915	\$7,915
29	DEFERRED CREDITS		
30	Accumulated Deferred Investment Tax Credits		
31	Other Deferred Credits		
32	Other Liabilities	2,597	3,628
33	Accumulated Deferred Income Taxes	19	73
34	TOTAL Deferred Credits (Enter Total of lines 30 thru 33)	\$2,616	\$3,701
35	TOTAL Liabilities and Other Credits (Enter Total of lines 8, 13, 17, 28 and 34)	\$14,902	\$23,182

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Name of Respondent *	This Report is:	Year of Report
NRG Energy, Inc.	(1) <input checked="" type="checkbox"/> An Original	12/31/2021
	(2) <input type="checkbox"/> A Resubmission	

STATEMENT OF INCOME FOR THE YEAR (IN MILLIONS)

Line No.	Account (a)	TOTAL	
		Current Year (b)	Previous Year (c)
1	REVENUES		
2	Operating Revenues	\$ 26,989	\$ 9,093
3	Other Revenues		
4	TOTAL Revenue (Enter Total of lines 2-3)	\$ 26,989	\$ 9,093
5	EXPENSES		
6	Operation and Maintenance Expenses	\$ 23,107	\$ 7,499
7	Depreciation Expense	785	435
8	Amortizations		
9	Interest Expense	485	401
10	Amortization of Debt Discount/Expense		
11	Taxes Other Than Income Taxes		
12	TOTAL Expenses (Enter Total of lines 6-11)	\$ 24,377	\$ 8,335
13	Net Operating Income (Enter Total of line 4 less 12)	\$ 2,612	\$ 758
14	OTHER INCOME AND DEDUCTIONS/EXTRAORDINARY ITEMS		
15	Gains/Losses - Net	\$ 247	\$ 3
16	Extraordinary Income	0	0
17	Extraordinary Deductions	0	0
18	Net Other Income and Deductions (Enter Total of lines 15 and 16 less line 17)	\$ 247	\$ 3
19	Net Income before Income Taxes (Enter Total of lines 13 and 18)	\$ 2,859	\$ 761
20	INCOME TAXES		
21	Income Taxes -- Federal	\$ 672	\$ 251
22	-- Other		
23	Provision for Deferred Income Taxes - Net		
24	Investment Tax Credit Adj.		
25	TOTAL Income Taxes (Enter Total of lines 21 thru 24)	\$ 672	\$ 251
26	Net Income (Enter Total of line 19 less 25)	\$ 2,187	\$ 510
		\$ 2,187	\$ 510

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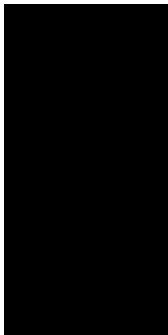


Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report
NRG Energy, Inc.		12/31/2021

Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:
Astoria
GT 2-1

Location of Generation Unit:
Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	33.4
Winter 2021/22 Capability (UCAP MW)	40.7
Summer 2021 DMNC Test (ICAP MW)	35.1
Winter 2021/22 DMNC Test (ICAP MW)	46.4
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

Total Synchronous Hours are the # of hours operated in synchronous condensing mode and not synchronized service hours.
Total Available Hours includes Reserve and Service Hours including equivalent hours.
Hours of Planned Maintenance Outage includes Planned Outage Hours.



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NRG Energy, Inc.		12/31/2021

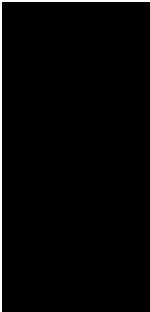
Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:

Astoria
GT 2-2

Location of Generation Unit:

Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	33.6
Winter 2021/22 Capability (UCAP MW)	45.1
Summer 2021 DMNC Test (ICAP MW)	34.6
Winter 2021/22 DMNC Test (ICAP MW)	45.1
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

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NRG Energy, Inc.		12/31/2021

Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:
Astoria
GT 2-3

Location of Generation Unit:
Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	34.1
Winter 2021/22 Capability (UCAP MW)	42.2
Summer 2021 DMNC Test (ICAP MW)	35.8
Winter 2021/22 DMNC Test (ICAP MW)	46.5
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

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NRG Energy, Inc.		12/31/2021


Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:

Astoria
GT 2-4

Location of Generation Unit:

Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	31.3
Winter 2021/22 Capability (UCAP MW)	40.1
Summer 2021 DMNC Test (ICAP MW)	34.9
Winter 2021/22 DMNC Test (ICAP MW)	45.7
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

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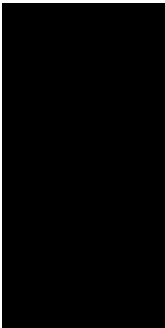
Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:

Astoria
GT 3-1

Location of Generation Unit:

Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	30.1
Winter 2021/22 Capability (UCAP MW)	45.8
Summer 2021 DMNC Test (ICAP MW)	34.8
Winter 2021/22 DMNC Test (ICAP MW)	45.8
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

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NRG Energy, Inc.		12/31/2021


Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:

Astoria
GT 3-2

Location of Generation Unit:

Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	33.8
Winter 2021/22 Capability (UCAP MW)	42.7
Summer 2021 DMNC Test (ICAP MW)	35.7
Winter 2021/22 DMNC Test (ICAP MW)	45.7
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

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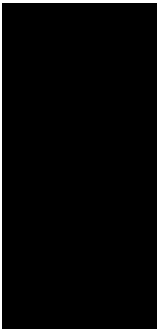
Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:

Astoria
GT 3-3

Location of Generation Unit:

Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	31.6
Winter 2021/22 Capability (UCAP MW)	36.3
Summer 2021 DMNC Test (ICAP MW)	35.6
Winter 2021/22 DMNC Test (ICAP MW)	45.2
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

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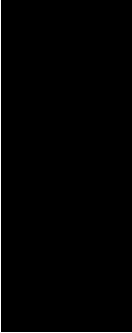


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NRG Energy, Inc.		12/31/2021

Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:
Astoria
GT 3-4

Location of Generation Unit:
Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	34.0
Winter 2021/22 Capability (UCAP MW)	42.6
Summer 2021 DMNC Test (ICAP MW)	36.2
Winter 2021/22 DMNC Test (ICAP MW)	46.1
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

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Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:

Astoria
GT 4-1

Location of Generation Unit:

Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	29.9
Winter 2021/22 Capability (UCAP MW)	36.6
Summer 2021 DMNC Test (ICAP MW)	32.9
Winter 2021/22 DMNC Test (ICAP MW)	43.9
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

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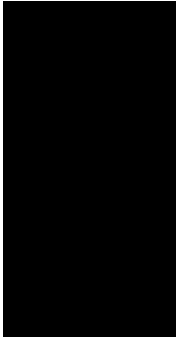
Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:

Astoria
GT 4-2

Location of Generation Unit:

Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	31.5
Winter 2021/22 Capability (UCAP MW)	39.6
Summer 2021 DMNC Test (ICAP MW)	33.6
Winter 2021/22 DMNC Test (ICAP MW)	44.9
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

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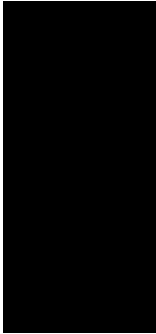
Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:

Astoria
GT 4-3

Location of Generation Unit:

Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	31.5
Winter 2021/22 Capability (UCAP MW)	37.3
Summer 2021 DMNC Test (ICAP MW)	33.7
Winter 2021/22 DMNC Test (ICAP MW)	46.3
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

Total Synchronous Hours are the # of hours operated in synchronous condensing mode and not synchronized service hours.

Total Available Hours includes Reserve and Service Hours including equivalent hours.

Hours of Planned Maintenance Outage includes Planned Outage Hours.



****CONFIDENTIAL TRADE SECRET PROPRIETARY INFORMATION****

Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 12/31/2021
NRG Energy, Inc.		

Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

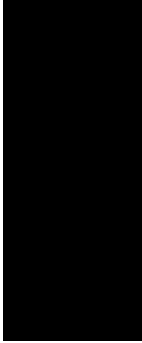
Name of Generation Unit:

Astoria

GT 4-4

Location of Generation Unit:

Astoria, Queens, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer 2021 Capability (UCAP MW)	29.6
Winter 2021/22 Capability (UCAP MW)	39.3
Summer 2021 DMNC Test (ICAP MW)	33.5
Winter 2021/22 DMNC Test (ICAP MW)	45.2
Minimum Generation Level (MW)	
Total Available Hours	
Total Synchronous Hours	
Hours of Planned Maintenance Outage	
Hours on Forced Outage	
Hours on Partial Forced Outage	
Max Dispatch Full Load Heat Rate (btu/kWh)	

Total Synchronous Hours are the # of hours operated in synchronous condensing mode and not synchronized service hours.

Total Available Hours includes Reserve and Service Hours including equivalent hours.

Hours of Planned Maintenance Outage includes Planned Outage Hours.



Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report
NRG Energy, Inc.		12/31/2021

Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:
Dunkirk
#1

Location of Generation Unit:
Dunkirk, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer Capability (MW)	0
Winter Capability (MW)	0
DMNC Test (MW)	0
Minimum Generation Level (MW)	0
Total Available Hours	0
Total Synchronous Hours	0
Hours of Planned Maintenance Outage	0
Hours on Forced Outage	0
Hours on Partial Forced Outage	0
Max Dispatch Full Load Heat Rate (btu/kWh)	0

Dunkirk Unit 1 did not operate in calendar year 2021.
Dunkirk Unit 1 entered Mothball on 5/31/2013, CRIS terminated on 5/31/2016, and transitioned to Retirement on 4/29/2022.



Name of Respondent	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 12/31/2021
NRG Energy, Inc.		

Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:
Dunkirk
#2

Location of Generation Unit:
Dunkirk, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer Capability (MW)	0
Winter Capability (MW)	0
DMNC Test (MW)	0
Minimum Generation Level (MW)	0
Total Available Hours	0
Total Synchronous Hours	0
Hours of Planned Maintenance Outage	0
Hours on Forced Outage	0
Hours on Partial Forced Outage	0
Max Dispatch Full Load Heat Rate (btu/kWh)	0

Dunkirk Unit 2 did not operate in calendar year 2021.

Dunkirk Unit 2 entered Mothball on 12/31/2015 and CRIS terminated on 12/31/2018. Retired with NYISO as of 1/1/2019.



Name of Respondent NRG Energy, Inc.	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 12/31/2021
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Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:
Dunkirk
#3

Location of Generation Unit:
Dunkirk, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer Capability (MW)	0
Winter Capability (MW)	0
DMNC Test (MW)	0
Minimum Generation Level (MW)	0
Total Available Hours	0
Total Synchronous Hours	0
Hours of Planned Maintenance Outage	0
Hours on Forced Outage	0
Hours on Partial Forced Outage	0
Max Dispatch Full Load Heat Rate (btu/kWh)	0

Dunkirk Unit 3 did not operate in calendar year 2021.

Dunkirk Unit 3 entered Mothball on 8/31/2012, CRIS terminated on 8/31/2016 and transitioned to Retirement on 4/29/2022.



Name of Respondent NRG Energy, Inc.	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 12/31/2021
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Lightly Regulated Generation Facilities
Generation Unit Annual Operational Data

Name of Generation Unit:

Dunkirk
#4

Location of Generation Unit:

Dunkirk, New York

Item (a)	Amount (Annually by Reporting Year) (b)
Summer Capability (MW)	0
Winter Capability (MW)	0
DMNC Test (MW)	0
Minimum Generation Level (MW)	0
Total Available Hours	0
Total Synchronous Hours	0
Hours of Planned Maintenance Outage	0
Hours on Forced Outage	0
Hours on Partial Forced Outage	0
Max Dispatch Full Load Heat Rate (btu/kWh)	0

Dunkirk Unit 4 did not operate in calendar year 2021.

Dunkirk Unit 4 entered Mothball on 8/31/2012, CRIS terminated on 8/31/2016 and transitioned to Retirement on 4/29/2022.



Name of Respondent NRG Energy, Inc.	This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 12/31/2021
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Lightly Regulated Generation Facilities
Site Specific Revenues and Expenses

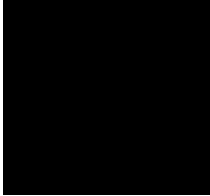
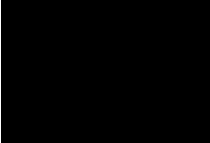
Name of Holding Company: NRG Energy, Inc.

Name of Generation Subsidiary: Astoria Gas Turbine Power LLC

Location of Generation Site: Astoria, Queens, New York

Item (a)	Amount (Annually/End of Reporting Period) (b)	
Capacity Revenues		A
Energy and Ancillary Services Revenues		B
Other Revenues		
Net Plant in Service (Note 1)		H
Accumulated Depreciation		I
Depreciation Charged to Reporting Period (Note 2)		J
Property Taxes	3,335,366	D
On Site O&M		F
Fuel Expense		E
Fuel Inventory		K
Other Expenses		G
(Note 1) Includes property, plant & equipment		



Name of Respondent NRG Energy, Inc.		This Report is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission	Year of Report 12/31/2021
Lightly Regulated Generation Facilities Site Specific Revenues and Expenses			
Name of Holding Company: NRG Energy, Inc. Name of Generation Subsidiary: Dunkirk Power LLC Location of Generation Site: Dunkirk, New York			
Item (a)	Amount (Annually/End of Reporting Period) (b)		
Capacity Revenues			A
Energy and Ancillary Services Revenues			B
Other Revenues			
Net Plant in Service (Note 1)			H
Accumulated Depreciation			I
Depreciation Charged to Reporting Period			J
Property Taxes			D
On Site O&M			F
Fuel Expense			E
Fuel Inventory			K
Other Expenses			G
(Note 1) Includes property, plant & equipment			
8			

AE5DDEC2-0787-4043-A95D-C850CB805D3F --- 2022/06/28 10:25:10 -6:00

Name of Respondent

NRG Energy, Inc.


This Report is:

(1) ☒ An Original
(2) ☐ A Resubmission

Year of Report

12/31/2021

ELECTRIC PLANT
(Lightly Regulated Companies)
Astoria Gas Turbine Power LLC

Item (a)	Description (b)
Real Property	
Structures	
Generation Units	
Reservoirs, Dams and Waterways	
Electric Delivery Lines	
No. of Retail Service Connections	



Name of Respondent

NRG Energy, Inc.

This Report is:

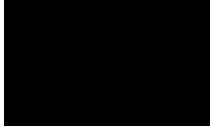
(1) ☒ An Original

(2) ☐ A Resubmission

Year of Report

12/31/2021

ELECTRIC PLANT
(Lightly Regulated Companies)
Dunkirk Power LLC

Item (a)	Description (b)
Real Property	
Structures	
Generation Units	
Reservoirs, Dams and Waterways	
Electric Delivery Lines	
No. of Retail Service Connections	



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 Texas

County of Harris

} ss.:

Judith Lagano being duly sworn deposes and says:

I am the Senior Vice President of NRG Energy, Inc.
(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 28 printed pages, being pages 1 to 28, both inclusive and insert pages , 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:

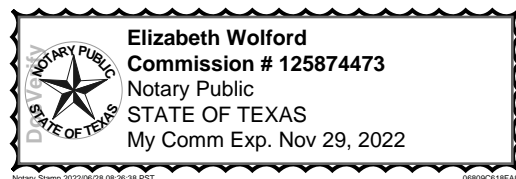
Judith Lagano
(signature)

Subscribe and sworn to before me,

a **Notary Public**

in and for the state and county above named, this
28th day of **June**, 20**22**
My commission expires **November 29**, 20**22**

Elizabeth Wolford
(signature of officer authorized to administer oaths.)



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.

