FERC rendition of the electronically filed tariff records in Docket No. [include if docket no. exists]

Filing Data:

CID: C000038

Filing Title: Implementation Agreement (SA 2474) between NYISO and Astoria Generating Company Company Filing Identifier: 1499

Type of Filing Code: 10

Associated Filing Identifier: NA   
Tariff Title: NYISO Agreements   
Tariff ID: 58

Payment Confirmation: N   
Suspension Motion:

Tariff Record Data:

Record Content Description: Agreement No. 2474

Tariff Record Title: Implementation Agreement between NYISO & Astoria Generating Record Version Number: 0.0.0

Option Code: A

Tariff Record ID: 242

Tariff Record Collation Value: 8084400

Tariff Record Parent Identifier: 2

Proposed Date: 2019-10-08

Priority Order: 500

Record Change Type: New

Record Content Type: PDF

Associated Filing Identifier: NA

UNITED STATES OF AMERICA   
 BEFORE THE

FEDERAL ENERGY REGULATORY COMMISSION

)

New York Independent System Operator, Inc. ) Docket No. ER19\_\_\_

)

IMPLEMENTATION AGREEMENT

Pursuant to Section 205 of the Federal Power Act (“FPA”), 16 U.S.C. § 824d, and Part 35   
of the Federal Energy Regulatory Commission’s (“Commission”) regulations, 18 C.F.R. § 35, et   
seq., and Section 4.1.9.3 of the New York Independent System Operator Inc. (“NYISO”) Market   
Administration and Control Area Services Tariff (“Services Tariff”), Astoria Generating   
Company L.P., operating under Eastern Generation, LLC (collectively “AGC”) and the NYISO   
(each individually a “Party” and collectively the “Parties”) hereby submit this Implementation   
Agreement fully resolving issues related to the compensation and terms and conditions under   
which AGC will construct a new Ultra Low Sulfur Diesel (“ULSD”) fuel oil system in order to   
accommodate the conversion of units 3 and 5 at the Astoria Generating Station to fire No. 2   
ULSD in lieu of No. 6 fuel oil (“Fuel Oil”). The conversion of generating units 3 and 5 to   
ULSD is required in order to allow the Astoria Generating Station to be in compliance with   
Chapter 2 of Title 15 of the Rules of the City of New York, while also furthering its compliance   
with New York State Reliability Council’s Local Reliability Rule G.2 (Loss of Generator Gas   
Supply - New York City) (“Rule G.2”). This Implementation Agreement establishes a   
mechanism whereby AGC and the Loads in the Con Edison Transmission District will split the   
prudently incurred capital costs associated with constructing key elements of the ULSD fuel oil   
system, including a four million gallon above ground ULSD tank farm (consisting of two 2M

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gallon storage tanks) at the Astoria Generating Station, foundations, steel containment systems, drainage and pump systems, piping systems, and a fire detection system (the “Project”).   
 As this Implementation Agreement is fair, reasonable and in the public interest, the Parties urge prompt approval by the Commission of this Implementation Agreement without condition or modification to be effective as of October 9, 2019.

SECTION ONE

PROJECT IMPLEMENTATION AND COST RECOVERY

1.1 Capital investments for the Project must be made in furtherance of AGC’s phasing out the

use of No. 6 Fuel Oil to comply with New York City regulations and converting its storage   
tanks and related infrastructure to accommodate ULSD. Planning for and making these   
investments is scheduled to occur during the next two years in order to be operational by

November 1, 2022. Planning, engineering, and site preparation is underway.

1.2 “Recoverable Project Costs” are those amounts to be paid to AGC pursuant to this Section

1 for the costs of the Project. Recoverable Project Costs have been calculated based on an   
assumed total project cost of $42.9 million (not including any remediation costs, which   
shall not be reimbursable). Recoverable Project Costs shall be the costs incurred for the   
new ULSD fuel oil system and storage tanks, including design and engineering, permitting,   
site preparation, pile driving, concrete foundation construction, cleaning, refurbishment   
and repurposing of existing oil pipelines connecting the existing depot to the Astoria   
Generating Station, installation of tank and secondary containment system, installation of   
auxiliary systems, boiler front modifications to permit burning of ULSD, commissioning   
and tuning.

1.3 The amount of the Recoverable Project Costs shall be fixed at $500,000 per month if the

total cost of the Project (“Project Cost”) is $42.9 million.

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1.4 The term of this Implementation Agreement is 84 months, commencing the month after

this Implementation Agreement is accepted for filing by the Commission.

1.5 Upon completion of construction, testing, commissioning, and AGC acceptance, AGC will

submit to the NYISO documentation demonstrating its actual construction costs. AGC   
agrees to provide supporting documentation and information as requested by the NYISO.   
The actual construction cost will be reconciled against the projected cost as follows:

1.5.1 If the actual construction cost of the Project is less than $42.9 million, the $500,000

monthly payment will be reduced, in accordance with the following formula:

(1) Subtracting the actual Project Cost from $42.9 million;

(2) Dividing the result of (1) by $42.9 million;

(3) Multiplying the result of (2) by $500,000; and

(4) Multiplying the result of (3) by the ratio of the term of the

Implementation Agreement in months over the number of months remaining in the term of the Implementation Agreement at the time this calculation is made.

The amount resulting from steps (1) - (4) above will be subtracted from the NYISO’s $500,000 monthly payment to AGC for each of the months remaining in the term of the Implementation Agreement.

1.5.2 If the actual construction cost of the Project is more than $42.9 million, the

$500,000 monthly payment will be increased, in accordance with the following

formula:

(1) Subtracting $42.9 million from the lesser of $48 million or the actual Project Cost;

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(2) Dividing the result of (1) by $42.9 million;

(3) Multiplying the result of (2) by $500,000; and

(4) Multiplying the result of (3) by the ratio of the term of the

Implementation Agreement in months over the number of months remaining in the term of the Implementation Agreement at the time this calculation is made.

This incremental amount will be added to the NYISO’s $500,000 monthly payment   
for each of the months remaining in the term of the Implementation Agreement.

1.6 During the first winter period after construction of the Project is complete, AGC will

procure a spot barge for, at minimum, the time period specified in Section 1.6.1 below. The cost of procuring the barge is not included in the Recoverable Project Costs and will be separately reimbursed. The rules defining AGC’s obligation to procure a spot barge and permitted cost recovery for the barge are set forth in this section 1.6:

1.6.1 The barge will remain at the Astoria Generating Station from December 5, 2022   
 through March 15, 2023.

1.6.2 Upon consultation among the Parties, and subject to agreement by AGC and   
 NYISO, the barge procurement period may be amended to commence earlier, or to   
 extend past March 15, 2023, or both.

1.6.3 The barge must have a minimum capacity of 30,000 barrels of No. 2 ULSD and   
 meet all applicable federal, state, and city regulations.

1.6.4 “Barge Costs” consist of the cost of renting the barge, the cost of tug charters, and

the cost of oil testing/inspections. AGC will submit documentation demonstrating

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its actual Barge Costs to the NYISO. AGC agrees to provide supporting documentation and information as requested by the NYISO.

1.6.5 AGC will recover Barge Costs (“Recoverable Barge Costs”) as follows: AGC will

recover 50% of Barge Costs for the barge procurement period specified in Section

1.6.1 of this Implementation Agreement pursuant to this Implementation   
Agreement and Sections 4.1.9 and 7.2 of the Services Tariff. AGC will bear the   
remaining 50% of Barge Cost. In the event the Parties determine, in accordance   
with Section 1.6.2 of this Implementation Agreement, that AGC should extend the   
period for which it procures the barge, AGC will recover 100% of the additional   
Barge Costs pursuant to this Implementation Agreement and Sections 4.1.9 and 7.2   
of the Services Tariff, and other provisions of the Services Tariff, to the extent   
applicable.

1.6.6 The Parties will meet after the conclusion of the first winter period to discuss

whether a barge should be procured in future years, and to determine the appropriate allocation of Barge Costs between AGC and the Loads in the Con Edison Transmission District. If there is agreement to do so, the Parties will discuss the need for changes to the cost recovery terms. Unless and until there is agreement on revised terms, the above cost recovery terms will apply.

1.6.7 AGC shall procure at least the level of assets required in Sections 1.6.1, 1.6.2, or

1.6.3 of this Implementation Agreement while the spot barge is chartered. If AGC later decides to materially reduce the assets it procures, it shall notify the NYISO in writing at least 30 calendar days before relaxing such requirements and provide detailed justification for such reduction.

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1.6.8 AGC shall provide its current barge and fuel agent agreements to the NYISO.

1.7 AGC shall not be permitted to recover property taxes, operation and maintenance costs, or

other expenses related to the Project except as a component of the Recoverable Project   
Costs.

1.8 In the event AGC makes a corporate decision to deactivate any of its dual-fuel generating

units at the Astoria Generating Station (i.e., AGS Units 3 and 5) during the 84-month   
recovery period, or if any of the aforementioned generating units, a fuel oil tank or the fuel   
forwarding system suffer a catastrophic failure (as defined in the NYISO Tariffs) over the   
same period, then AGC will immediately inform NYISO. NYISO will stop paying and   
AGC will cease recovering the costs for the ULSD system at the Astoria Generating   
Station. AGC will reimburse amounts previously paid by the NYISO, as follows:

1.8.1 If AGC makes a corporate decision to deactivate one unit, or if a catastrophic failure   
 prevents one unit’s operation, AGC will immediately inform NYISO so that   
 NYISO can stop paying and will cease recovering 50% of the remaining

Reimbursable Project Costs as of the date on which the unit ceases operating.

1.8.2 If AGC makes a corporate decision to deactivate two or more units, or if a   
 catastrophic failure prevents two or more units’ operation, AGC will immediately   
 inform NYISO so that NYISO can stop paying and will cease recovering any of the   
 remaining costs as of the date on which the second unit ceases operating.

1.8.3 In the event of a deactivation described in Section 1.8.1 or 1.8.2, the reimbursement   
 of payments previously made by the NYISO shall be as follows:

Reimbursement Percentage Reimbursement Percentage

Year - One Unit Deactivated - Two Units Deactivated

2020 50% 100%

2021 50% 100%

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2022 37.5% 75%

2023 25% 50%

2024 12.5% 25%

2025 12.5% 25%

2026 0% 0%

1.8.4 If AGC returns a unit that it decided to deactivate, or that catastrophically failed,   
 to service prior to the end of the 84-month period, the NYISO’s obligation to pay   
 one-half of the $500,000 monthly payment (as adjusted on a pro-rata monthly   
 basis) will resume from the date that unit recommences participation in the   
 NYISO’s markets and will continue for a number of months that would equal, in   
 total, 84 months. No interest or other carrying charges will accrue on any portion   
 of the outstanding balance owed during the deactivation period.

1.9 If AGC makes a corporate decision to repower a generating unit, no cost recovery will

occur during the repowering construction period. Cost recovery will resume once the   
repowered unit commences participation in the NYISO’s markets and will continue for a   
number of months that would equal, in total, 84 months. No interest or other carrying   
charges will accrue on the outstanding balance owed during the repowering construction   
period. If one unit is repowered, 50% of the tank costs would be impacted by this   
provision; if two or more units are repowered, 100% of the tank costs would be impacted   
by this provision.

1.10 For purposes of this Section 1, a “corporate decision” shall mean and include: (i) a decision

by AGC’s management or parent, including, but not limited to, a decision to deactivate one   
or more generating units for economic reasons; or (ii) any other decision within AGC’s   
control.

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1.11 In the event AGC deactivates any of the generating units or ceases oil burning capability

because of a change in law or circumstances outside AGC’s control (other than due to a catastrophic failure, which is addressed in Section 1.8 above), AGC shall immediately inform the NYISO, there will be no reimbursements by AGC of any amounts previously paid by the NYISO, but future payments - starting the month after the resource becomes unavailable - will be adjusted as follows (the revised monthly payments shown below are based on the expectation of an initial monthly payment of $500,000; in the event the initial monthly payment is different from $500,000, the monthly payments will be revised using the provided adjustment percentages):

Reduction Percentage Adjustment Revised NYISO

Monthly Payment

2020 10% $450,000

2021 20% $400,000

2022 30% $350,000

2023 40% $300,000

2024 50% $250,000

2025 60% $200,000

2026 70% $150,000

1.12 In the event there is a catastrophic failure of a fuel oil tank and/or related equipment, and

AGC decides to rebuild the facility, it shall not recover more than the initial actual construction cost from Loads in the Con Edison Transmission District.

1.13 In the event there is a catastrophic failure of a fuel oil tank and/or related equipment, and

AGC decides not to rebuild the facility, insurance proceeds specific to the physical damage   
to the facility shall first be used to cover any remaining actual construction costs, as   
described in Section 1.5, above. After payment of the remaining actual construction costs,   
80% of any remaining physical damage insurance proceeds shall be paid to the NYISO,   
provided that the insurance proceeds paid to the NYISO shall not exceed the amount that

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NYISO paid to AGC as Recoverable Project Costs. Insurance proceeds payable to the NYISO shall not include amounts recovered from business interruption insurance coverage or environmental remediation insurance coverage.

SECTION TWO

PAYMENT

2.1 The NYISO will pay AGC the Recoverable Project Costs monthly using the NYISO’s

normal billing cycle, commencing the month after this Implementation Agreement is accepted by the Commission.

2.2 The NYISO will pay AGC the Recoverable Barge Costs monthly using the NYISO’s

normal billing cycle, commencing the month after AGC first provides documentation to the satisfaction of the NYISO of its actual Barge Costs in accordance with Section 1.6 of this Implementation Agreement.

2.3 The NYISO will allocate Recoverable Project Costs and Recoverable Barge Costs paid to

AGC pursuant to this Implementation Agreement, in accordance with the provisions of Section 6.1.7 of the NYISO Open Access Transmission Tariff (“OATT”) that are in effect at the time this Implementation Agreement is executed, to all load withdrawals in the Consolidated Edison Transmission District except for withdrawals to supply station power based on each Load Serving Entity’s (“LSE’s”) load ratio share.

2.3.1 Recoverable Project Costs, paid pursuant to Section 2.1 of this Implementation   
 Agreement, will be allocated based on each LSE’s load ratio share for each month   
 during which the NYISO is obligated to pay Recoverable Project Costs under this   
 Implementation Agreement.

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2.3.2 All Recoverable Barge Costs paid pursuant to Section 2.2 of this Implementation   
 Agreement shall be allocated based on each LSE’s load ratio share for the period   
 during which the barge is in place at the Astoria Generating Facility.

2.3.3 Refunds and Insurance Proceeds paid to the NYISO in accordance with this   
 Implementation Agreement shall be refunded to all load withdrawals in the   
 Consolidated Edison Transmission District except for withdrawals to supply station   
 power based on each LSE’s load ratio share. Refunds shall be allocated based on   
 each LSE’s load ratio share for the period during which refunds are issued, using   
 the same load ratio share basis that the ISO uses to allocate the Recoverable Project   
 Costs or Recoverable Barge Costs.

SECTION THREE

EXPIRATION/AMENDMENT

3.1 Except for outstanding payment obligations under Sections 1.8.4, 1.9 and 2 hereof, this

Implementation Agreement shall expire on October 31, 2026. Notwithstanding the immediately preceding sentence, the Parties are free to enter into negotiations to extend the duration of this Implementation Agreement.

3.2 The Parties shall retain all rights under the FPA, under Section 4.1.9 of the Services Tariff,

and under all other provisions in the Services Tariff, to the extent applicable, as discussed in Sections Six and Seven of this Implementation Agreement.

SECTION FOUR

SECTION 4.1.9 OF THE NYISO SERVICES TARIFF

4.1 This Implementation Agreement constitutes the full and complete agreement of the Parties

with respect to the subject matter addressed herein, and supersedes all prior negotiations,   
understandings, and agreements, whether written or oral, between the Parties with respect   
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to the subject matter described herein. The Parties also agree that this Implementation Agreement does not affect or change any provisions of the Services Tariff, including Section 4.1.9. They further agree that AGC’s compensation for the conversion of units 3 and 5 at the Astoria Generating Station to fire No. 2 ULSD in lieu of Fuel Oil shall occur solely in accordance with this Implementation Agreement.

4.2 Where there are differences between Section 4.1.9 of the Services Tariff and the terms of

this Implementation Agreement, the terms of this Implementation Agreement shall govern.

4.3 All references within this Implementation Agreement to Section 4.1.9 of the Services Tariff

refer to the provisions of Section 4.1.9 as they exist as of the date this Implementation Agreement is executed.

SECTION FIVE

COMMISSION ORDER

5.1 To the extent the Commission accepts this Implementation Agreement subject to a

condition or modification, each Party shall have the right to withdraw from this   
Implementation Agreement, which withdrawal may be exercised in such Party’s sole   
discretion.

SECTION SIX   
FILING RIGHTS

6.1 No Party will make a Section 205 filing or a Section 206 filing seeking to amend the terms

of this Implementation Agreement, or seeking a rate or a revised rate to compensate AGC   
for burning Fuel Oil in furtherance of Rule G.2 during the term of this Implementation   
Agreement, unless the Parties, by mutual consent, agree to modify the terms and conditions   
of this Implementation Agreement. This Implementation Agreement has been negotiated   
at arm’s-length by Parties of equal bargaining power, and it is the intent of the Parties that

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this Implementation Agreement is subject to the “public interest” standard of review set forth in United Gas Pipe Line Co. v. Mobile Gas Service Corp., 350 U.S. 332 (1956) and Federal Power Commission v. Sierra Pacific Power Co., 350 U.S. 348 (1956) (“Mobile Sierra doctrine”) to the full extent legally permissible and as interpreted in Morgan Stanley Capital Group Inc. v. Pub. Util District No. 1, 128 S. Ct. 2733 (2008), NRG Power Marketing LLC v. Me. Pub. Utils, Comm’n, 130 S. Ct. 693 (2010) and Dominion Transmission Inc. v. FERC, 533 F.3d 845 (D.C. Cir. 2008).

6.2 For the sole purpose of settling the compensation matters described herein, this

Implementation Agreement represents a fair and reasonable negotiated settlement that is in   
the public interest. The term of this Implementation Agreement shall not limit or restrict   
the arguments that the Parties may put forth or the positions that the Parties may take in   
any future proceeding before the Commission that are not specifically agreed to herein.

SECTION SEVEN

EFFECTIVE DATE AND GENERAL RESERVATIONS

7.1 This Implementation Agreement shall become effective upon an order accepting for filing

approving the Implementation Agreement. If the Commission accepts the Implementation Agreement without modification, no Party will request rehearing or otherwise appeal or support rehearing requests or appeals by others.

7.2 This Implementation Agreement is an integrated whole and is expressly conditioned on the

Commission’s acceptance of all provisions herein without modification or condition.   
Notwithstanding the foregoing, if the Commission’s approval of this Implementation   
Agreement is conditioned on a modification of this Implementation Agreement or on any   
other condition, such modification or condition shall be considered to be accepted unless a   
Party objecting to such condition or modification serves written notice on the other Party

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of its intent to seek rehearing of the order approving the Implementation Agreement as modified or conditioned within a period of 10 days from the date of such order. Should Commission approval be subject to condition or modification of this Implementation Agreement, each Party shall then have the right, as determined in its sole discretion, to withdraw as a signatory of the Implementation Agreement.

7.3 Commission approval of this Implementation Agreement shall constitute the requisite

waiver of any and all otherwise applicable Commission regulations, to the extent   
necessary, to permit implementation of the provisions of this Implementation Agreement.

7.4 This Implementation Agreement is made upon the express understanding that it constitutes

a negotiated agreement and, except as otherwise expressly provided for herein, no Party   
shall be deemed to have approved, accepted, agreed to, or consented to any principle or   
policy relating to rate design, rate calculation, or any other matter affecting or relating to

any of the compensation, charges, classifications, terms, conditions, principles, or issues   
associated with this Implementation Agreement. This Implementation Agreement shall   
not be deemed to be a “settled practice” as that term was interpreted and applied in Public

Service Commission of New York v. FERC, 642 F.2d 1335 (D.C. Cir. 1980), and shall not   
be the basis for any decision with regard to the burden of proof in any future litigation.   
This Implementation Agreement shall not be cited as precedent, nor shall it be deemed to

bind either Party in any future proceeding including, but not limited to, any Commission proceeding, except in any proceeding to enforce this Implementation Agreement.

7.5 The discussions among the Parties and other entities that have produced this

Implementation Agreement have been conducted on the explicit understanding, pursuant   
to Rules 602(e) and 606 of the Commission’s Rules of Practice and Procedures, that all

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offers and any comments on these offers are privileged and not admissible as evidence against any participant who objects to their admission and that any discussions of the Parties and other entities with respect to offers of settlement is not subject to discovery or admissible in evidence.

7.6 Headings in this Implementation Agreement are included for convenience only and are not

intended to have any significance in interpretation of this Implementation Agreement.

7.7 Signatures may occur by counterparts. Such signatures shall have the same effect as if all

signatures were on the same document.

SECTION EIGHT

SUPPORT OF FULL SETTLEMENT

8.1 The Parties agree that this Implementation Agreement resolves all issues related to the

manner in which AGC will be compensated for conversion of units 3 and 5 at the Astoria Generating Station to fire No. 2 ULSD in lieu of Fuel Oil.

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