

November 15, 2022

By Electronic Delivery

Honorable Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Re: *New York Independent System Operator, Inc.*, Filing to Supplement the
Record; Docket No. ER21-2460-000, *et al.*

Dear Secretary Bose:

On November 14, 2022, the New York Independent System Operator, Inc. (“NYISO”) submitted to the Federal Energy Regulatory Commission a Motion to extend the effective date of its Order No. 2222 compliance tariff revisions.¹

Consistent with that filing, the NYISO hereby supplements the record with the signed and notarized Affidavit of Michael A. DeSocio.²

I. Service

The NYISO will send an electronic copy of this filing to the official representative of each party to this proceeding, to the New York Public Service Commission, and to the New Jersey Board of Public Utilities. In addition, a complete copy of this filing will be posted on the NYISO’s website at www.nyiso.com, and the NYISO will send an electronic link to this filing to the official representative of each of its customers and to each participant on its stakeholder committees.

¹ New York Indep. Sys. Operator, Inc., Motion to Extend Effective Date of Compliance Tariff Revisions, Docket No. ER21-2460-000, *et al.* (Nov. 14, 2022).

² *Id.* at n. 27.

II. Conclusion

The NYISO respectfully requests that the Commission accept this filing to supplement its November 14, 2022 filing in the above captioned proceeding.

Respectfully submitted,

/s/ Gregory J. Campbell

Gregory J. Campbell

Counsel for the

New York Independent System Operator, Inc.

cc: Janel Burdick
Matthew Christiansen
Robert Fares
Jignasa Gadani
Jette Gebhart
Leanne Khammal
Jaime Knepper
Kurt Longo
David Morenoff
Douglas Roe
Eric Vandenberg
Gary Will
Adria Woods

Attachment A

Affidavit of Michael A. DeSocio

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

<p>New York Independent System Operator, Inc.</p>)))	<p>Docket No. ER21-2460-00_</p>
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AFFIDAVIT OF MICHAEL A. DESOCIO

1. My name is Michael A. DeSocio. I am currently the Director, Market Design for the New York Independent System Operator, Inc. (“NYISO”). My business address is 10 Krey Boulevard, Rensselaer, NY 12144. I received a Bachelor’s of Science in Electrical Engineering degree from Clarkson University, and a Master’s of Engineering in Electrical Power Engineering degree from Rensselaer Polytechnic Institute.
2. I have been involved in the design and operation of wholesale electricity markets at the NYISO for over 22 years. I originally joined the NYISO as a Security Constrained Unit Commitment Engineer in 2000 responsible for Day-Ahead Market design and administration. I transitioned to the NYISO’s Market Structures Department in 2009 as a Senior Market Product Specialist. I was promoted to Manager of Energy Market Design in 2013. I was promoted to Senior Manager of Market Design in 2015 and, in 2019, I was promoted to my current role as the NYISO’s Director of Market Design.
3. As the NYISO’s Director of Market Design, I have responsibility for designing and improving the NYISO’s Energy, Capacity and Ancillary Services products. My responsibilities include integrating new resource technologies into the NYISO’s wholesale market structures; research and development of mathematical models for use in developing and implementing market designs; and achieving compliance with applicable reliability rules, the ISO Tariffs, Federal Energy Regulatory Commission (“Commission”) orders, and any applicable New York Public Service Commission orders or requirements.

4. The purpose of this Affidavit is to confirm, to the extent necessary, the facts set forth in the NYISO's November 14, 2022 Motion of New York Independent System Operator, Inc. to Extend Effective Date of Compliance Tariff Revisions ("NYISO Motion").
5. In my capacity as Senior Manager of Market Design and later Director of Market Design, I oversaw the NYISO's development of its Distributed Energy Resource ("DER") rules that were filed on June 27, 2019 and accepted by the Commission on January 23, 2020 in Docket No. ER19-2276-000, *et al. New York Indep. Sys. Operator, Inc.*, Order Accepting Tariff Revisions and Directing Compliance Filing and Informational Report, 170 FERC ¶ 61,0333 (2020). I also oversaw the NYISO's development of its Order No. 2222¹ compliance filing that was submitted on July 19, 2021.
6. Members of my staff who focus on developing participation models for new resource integration and I worked with the NYISO's Operations and Product and Project Management Departments, and an external software vendor, to determine how the NYISO could achieve compliance with Order No. 2222's requirements. As part of that effort, the NYISO identified computational and software modifications that were necessary to permit Distributed Energy Resource and Aggregation participation in the NYISO-administered Energy, Ancillary Services and Installed Capacity markets.²
7. I participated in developing the NYISO's answer to protests that was submitted in Docket No. ER21-2460-000 on September 14, 2021. I participated in developing the NYISO's response to the Commission's deficiency letter that was submitted in Docket Nos. ER21-

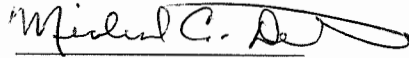
¹ *Participation of Distributed Energy Resource Aggregations in Markets Operated by Regional Transmission Organizations and Independent System Operators*, Order No. 2222, 172 FERC 61,247 (Sep. 17, 2020), 85 Fed. Reg. 70,143 (Nov. 4, 2020) ("Order No. 2222"); Order No. 2222-A, 174 FERC ¶ 61,197 (Mar. 18, 2021); Order No. 2222-B, 175 FERC ¶ 61,227 (Jun. 17, 2021).

² Capitalized terms that are not defined in this Affidavit have the meaning ascribed to them in the NYISO's Market Administration and Control Area Services Tariff.

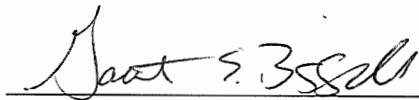
2460-000 and -001 on November 19, 2021. Finally, I participated in developing the NYISO Motion.

8. With regard to the NYISO Motion, I provided guidance on (a) the NYISO's software development efforts and timeline; (b) the challenges encountered by NYISO staff in developing and implementing DER and Aggregations in the NYISO-administered markets; and (c) the NYISO's collaboration with New York's distribution utilities.
9. I helped develop the explanation of the past and current challenges the NYISO has faced in the development of its DER and Aggregation implementation efforts. The concerns the NYISO explained in the NYISO Motion were previously raised in other pleadings in Docket Nos. ER19-2276 and ER21-2460 that I participated in developing.
10. I have reviewed the facts stated in the NYISO Motion, and I have personal knowledge of and helped develop the factual statements contained in the NYISO Motion. The factual statements set forth in the NYISO Motion are true and correct to the best of my information, knowledge, and belief.
11. This concludes my affidavit.

Executed on this 15th day of November, 2022.



Michael A. DeSocio
Director, Market Design
New York Independent System Operator, Inc.
10 Krey Boulevard
Rensselaer, New York 12144



Garrett E. Bissell
Notary Public, State of New York

My Commission Expires: 9/19/2025

GARRETT E. BISSELL
NOTARY PUBLIC-STATE OF NEW YORK
No. 02BI6133400
Qualified in Albany County
My Commission Expires 09-19-2025

CERTIFICATE OF SERVICE

I hereby certify that I have this day served the foregoing document upon each person designated on the official service list compiled by the Secretary in this proceeding in accordance with the requirements of Rule 2010 of the Rules of Practice and Procedure, 18 C.F.R. §385.2010.

Dated at Rensselaer, NY this 15th day of November 2022.

/s/ Mitchell W. Lucas

Mitchell W. Lucas
New York Independent System Operator, Inc.
10 Krey Blvd.
Rensselaer, NY 12144
(518) 356-6242