

## Attachment I

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

<p><b>New York Independent System Operator, Inc.</b></p>	) ) )	<p><b>Docket No. ER21-____-000</b></p>
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**AFFIDAVIT OF ZACHARY G. SMITH**

Mr. Zachary G. Smith declares:

1. I have personal knowledge of the facts and opinions stated herein.
2. I serve as Vice President, System and Resource Planning for the New York Independent System Operator, Inc. ("NYISO"). My business address is 10 Krey Boulevard, Rensselaer, New York 12144.
3. I earned a Bachelor of Science and a Master of Science in Electrical Engineering from Michigan Technological University. I have 17 years of experience in the energy industry and have held my current position at the NYISO since September 2016. Prior to holding my current position, I was the NYISO's Director of Transmission Planning, and before that the NYISO's Manager of Transmission Studies. Through these duties, I managed the NYISO's multi-year effort to revise its tariffs to comply with Order No. 1000, including amendments to the Northeastern ISO/RTO Planning Coordination Protocol.
4. I am responsible for maintaining NYISO compliance with all applicable reliability planning standards as well as the oversight and implementation of the Comprehensive System Planning Process, which includes reliability planning, economic planning, and public policy transmission planning. As part of my responsibilities, I oversee the NYISO's Economic Planning Process. I also oversee the interconnection process through which new generation and transmission projects may reliably connect to the New York State electric grid. I represent the NYISO in various stakeholder forums including interregional planning coordination committees such as the Eastern Interconnection Planning Collaborative, where I currently serve as Vice Chair of the Executive Committee.
5. I am submitting this affidavit in support of the NYISO's proposed tariff revisions for its Economic Planning Process. I oversaw the development of the NYISO's tariff revisions to its Economic Planning Process and fully support the contents of the NYISO's filing of these tariff revisions.
6. I have reviewed the NYISO's filing letter concerning the tariff revisions to the Economic Planning Process, and I confirm that the statements therein are true and correct to the best of my knowledge, information, and belief. In particular, I fully support the tariff revisions, including, but not limited to;
  - (i) including a summary of the Comprehensive System Planning Process in the System & Resource Outlook as described in Part IV.B.1 of the filing letter;

- (ii) expanding the study period for the Economic Planning Process from 10 to 20 years as described in Part IV.B.2 of the filing letter;
  - (iii) changing the NYISO's methodology for the System & Resource Outlook to identify congestion and assess the benefits of addressing congestion as described in Part IV.B.3 of the filing letter;
  - (iv) adding a new energy deliverability metric for information purposes as described in Part IV.B.5 of the filing letter;
  - (v) modifying the requirements for the Installed Capacity ("ICAP") metric for information purposes as described in Part IV.B.5 of the filing letter; and
  - (vi) clarifying the application of the System & Resource Outlook to the facilities defined as the New York State Transmission System as described in Part IV.B.6 of the filing letter.
7. These tariff revisions to the Economic Planning Process, along with the NYISO's other proposed tariff revisions set forth in its filing, build upon the existing Economic Planning Process requirements to enable the NYISO to provide more comprehensive and useful information concerning the current and projected state of the New York State Transmission System across a twenty-year time horizon. The revised Economic Planning Process will provide additional analysis and valuable insights concerning New York State's transmission needs and the energy deliverability of future generation resources that will better position Market Participants, Developers, policymakers, and other interested parties to meet New York State's transmission infrastructure needs and support the state's climate change protection goals.
8. This concludes my affidavit.

#### ATTESTATION

I am the witness identified in the foregoing affidavit. I have read the affidavit and am familiar with its contents. The facts set forth therein are true to the best of my knowledge, information, and belief.

/s/ Zachary G. Smith  
Zachary G. Smith<sup>1</sup>

Dated: February 9, 2021

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<sup>1</sup> Mr. Smith's affidavit has not been notarized as is permitted under the Commission's January 25, 2021 order extending the previous emergency waiver of the notarization rules. *See Temporary Action to Facilitate Social Distancing*, 174 FERC ¶ 61, 047 (2021).