

# 2024 DRAFT SOLAR AND WIND VALUATION MODEL UNDER REAL PROPERTY TAX LAW § 575-B RELEASED FOR PUBLIC COMMENT

*Hodgson Russ Renewable Energy & Municipal Alert*  
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On December 28, 2023, the New York State Department of Taxation and Finance (“DOTF”) released the draft 2024 solar and wind valuation model (“2024 Model”) for public review and comment. The DOTF developed the draft 2024 Model in consultation with the New York State Energy Research and Development Authority (“NYSERDA”) and the NYS Assessors Association to update the 2022 Model (which, by state law, was also the Model for 2023). Under Real Property Tax Law § 575-b the Models are mandatory for assessing wind and solar systems over 1 MW AC. The Models do not address standalone energy storage, nor do they address the storage portion of wind/solar plus storage projects.

The proposed changes in the draft 2024 Model include:

- Net energy metering projects are now incorporated.
- Market transition credits/community credits and community adders now default to the highest credit amount unless overridden by the user.
- Updates to the discount rates, revenue forecasts, and expense forecasts.

The proposed discount rates are based on weighted average cost of capital, which the Model separates into two distinct categories based on investment risk associated with: 1) solar projects and 2) land-based wind projects. The draft 2024 Model also acknowledges inflation’s impact by calculating the real and nominal discount rates, assuming 2.5% anticipated rate of inflation. The proposed discount rates have decreased from 7.16% for large-scale solar and 8% for VDER to 6.68% for all solar projects and from 9.66% to 7.69% for land-based wind projects. The decreases occurred despite a significant increase in the debt portion, as the 2024 Model weighs equity less than the prior Model, and the cost of equity dipped slightly.

The draft 2024 Model can be viewed [here](#). The updated instructions are available [online](#) (the DOTF promises a more detailed user manual in the future). The DOTF has also made available information on the [formulas used](#), but be aware that these unlocked formulas will be available only during the public comment period. The DOTF is accepting public comments to the draft 2024 Model until February 27, 2024, by email at [renewables.model.comments@tax.ny.gov](mailto:renewables.model.comments@tax.ny.gov) to the attention of

## Attorneys

Daniel Spitzer  
Emanuela (Amy) D’Ambrogio  
Michael Risman  
Henry Zomerfeld  
Evan Anderson  
Christine Bonaguide  
Matthew Cameron  
Brandon Cottrell  
Krystal Daniels  
John Dax  
Collin Doane  
Joseph Endres  
Andrea Gervais  
Michael Hecker  
Elizabeth Holden  
Alicia Legland  
Charles Malcomb  
Rosellen Marohn  
William McLaughlin  
Paul Meosky  
Chelsea Reinhardt  
Joseph Reynolds  
Robert Sands III  
Aaron Saykin  
Alicia Stoklosa  
Jeffrey Stravino  
Brienne Szopinski  
William Turkovich  
Sujata Yalamanchili  
John Zak

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Michael St. Germain. After the 60-day public comment period, the DOTF will make any changes it deems necessary and publish the final Model and discount rates to be used by local assessors to value affected solar and wind energy systems in the next tax assessment cycle.

Until the draft 2024 Model becomes final, the existing Model in effect for 2022 and 2023 should still be relied upon by local assessors.

For questions regarding the draft 2024 Model or submitting public comments, please contact [Daniel Spitzer](#), [Emanuela \(Amy\) D'Ambrogio](#), [Michael Risman](#), or [Henry Zomerfeld](#).

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