

# Why Was the PV Inverter Listing Terminated in New York? Key Insights & Solutions

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New York's recent termination of PV inverter listings has sparked confusion in the solar industry. This article explains the policy shift, its implications for solar projects, and actionable steps to ensure compliance.

In late 2023, New York regulators removed several photovoltaic (PV) inverters from the \*approved equipment list\*, citing safety and performance concerns. This move impacts residential and commercial solar installations, delaying projects and increasing costs. But why did this happen, and what can stakeholders do now?

### Key Reasons Behind the Policy Shift

**\*Grid Stability Risks:** Some inverters failed to meet updated grid-support requirements during voltage fluctuations.

**\*Cybersecurity Gaps:** Vulnerabilities in communication protocols raised concerns about hacking risks.

**\*Efficiency Standards:** Older models lacked advanced features like reactive power control, critical for large-scale solar farms.

"The rapid growth of solar in New York demands stricter quality controls. Non-compliant inverters jeopardize both safety and ROI." NY State Energy Research and Development Authority (NYSERDA)

Metric	2022 Data	2024 Projection	Annual Solar Installations	1.2 GW	0.8 GW	(-33%)	Average Project Delay	2 weeks	6-8 weeks	Compliance Upgrade Costs	\$500/system	\$1,200/system
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### Step 1: Verify Your Inverter Status

Check the NYSERDA compliance portal using your inverter model number. Red-flagged models include:



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SunWave 5G-Turbo (discontinued)

EcoPower EC-2023 (requires firmware update)

## Step 2: Explore Approved Alternatives

Top replacement options with UL 1741-SA certification:

SolarEdge HD-Wave (residential)

Fronius Symo GEN24 Plus (commercial)

## Step 3: Leverage State Rebates

New York offers up to **\*\$0.20/Watt\*** for upgrading to smart inverters with grid-forming capabilities hidden opportunity many miss!

By 2025, all inverters must support **\*IEEE 1547-2018\*** standards for:

Voltage ride-through

Frequency regulation

Anti-islanding protection

**\*Pro Tip:\*** Pair inverters with battery storage to qualify for NY /Resilient Solar/ tax credits. Systems with 10+ kWh storage get priority permitting.

While the PV inverter listing termination creates short-term hurdles, it pushes New York toward a safer, smarter grid. By adopting compliant technologies and leveraging incentives, installers and developers can turn this challenge into a competitive edge.

## Q: How long will the approval process take for new inverters?



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A: NYSERDA updated review timeline is 45-60 days, down from 90 days in 2023.

## Q: Can I still use terminated inverters in existing projects?

A: No. All systems permitted after January 1, 2024, must use compliant models.

## Q: Are microinverters affected by this policy?

A: Only string inverters are currently impacted, but microinverter rules may tighten in 2025.

## Need Help with Solar Compliance?

We specialize in \*UL-certified energy storage solutions\* for New York evolving solar market. Contact us today:

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2024 Solar Compliance Experts. Data sources: NYSERDA, SEIA, UL LLC.

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**For more information or to discuss your inverter and power system needs:**

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