



Illinois Smart Solar Billing

Maximize your savings under the Illinois Smart Solar Billing plan, with the power of an Enphase Energy System.

February 2025



Introduction

Smart Solar Billing summary

As of 1/1/2025:

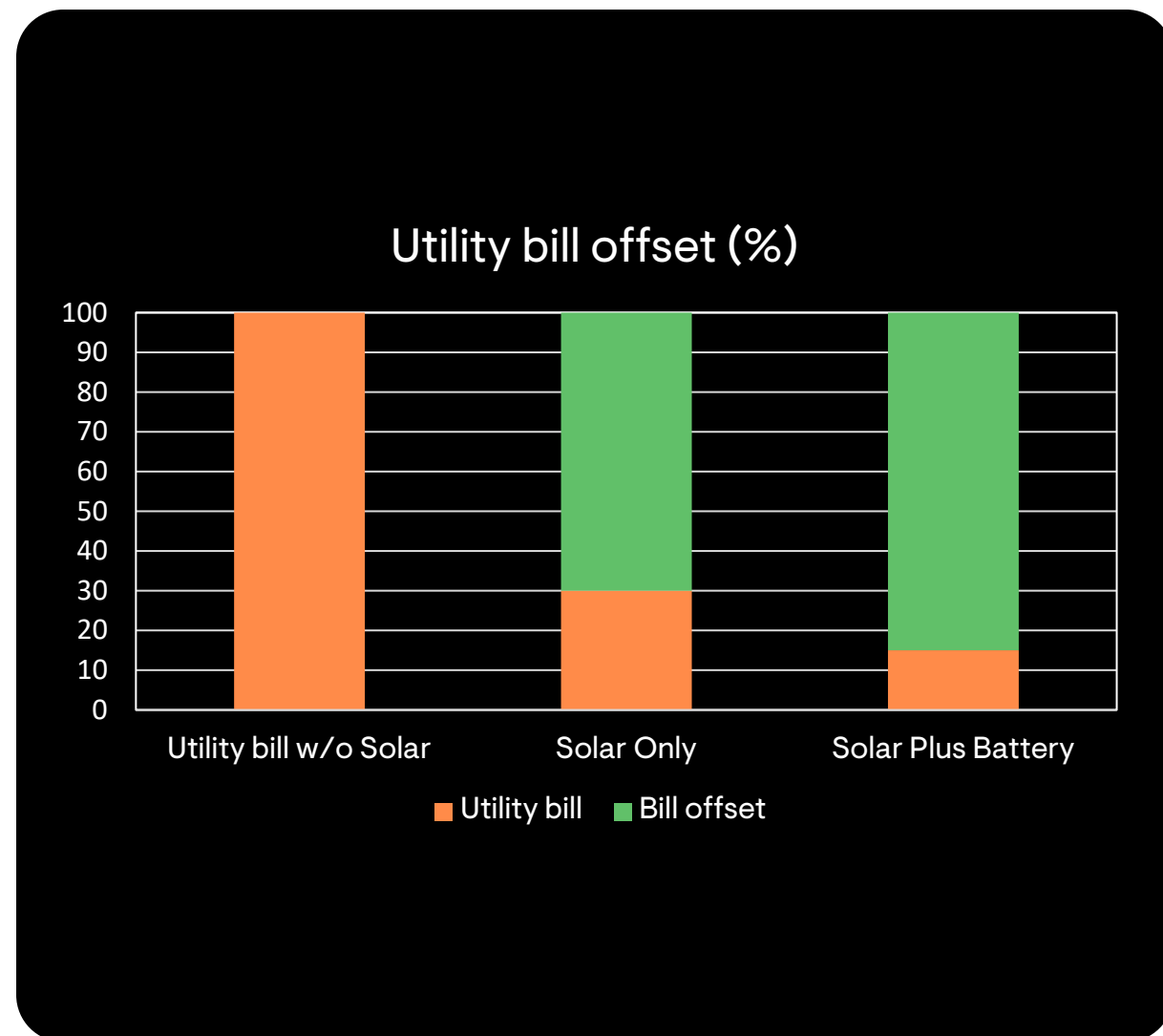
- Customers who have submitted a certificate of completion before 1/1/2025 will retain their legacy NEM program
- Customers who submit a certificate of completion on or after 1/1/2025 will be on the new Smart Solar Billing plan
- The new Smart Solar Billing plan provides smaller credits for energy exported to the grid than customers on legacy NEM

Supply-only netting under Smart Solar Billing:

- Customers get credits for energy exported to the grid
- Unused credits roll-over to the next month
- Credits can only be used to offset supply costs—not distribution costs, taxes, or other fees

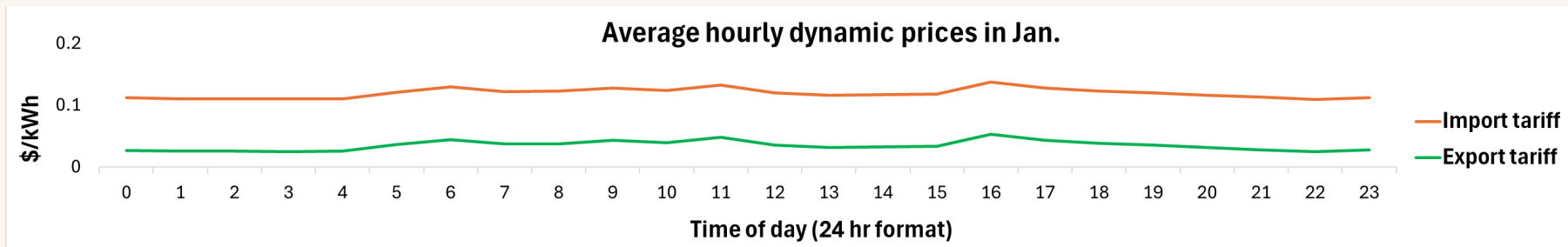
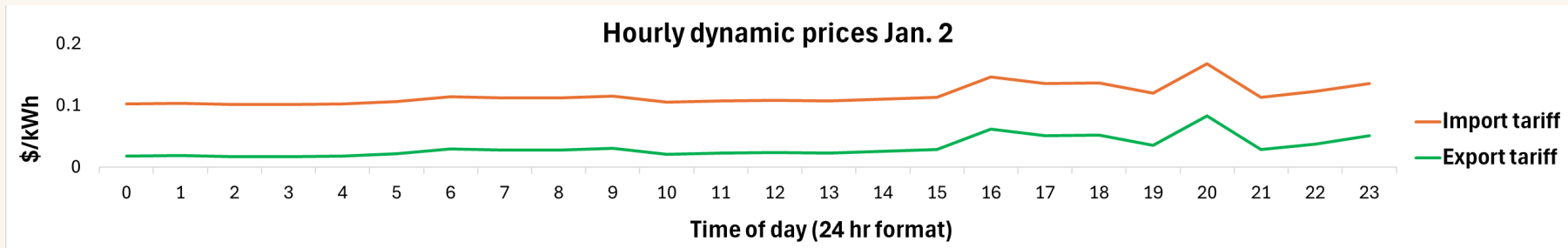
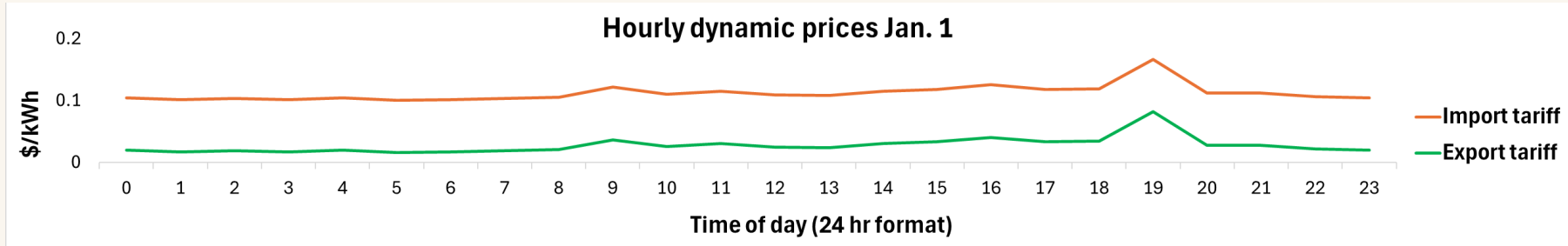
Storage rebate:

- Rebate of up to \$300/kWh of installed storage capacity
- If the rebate is selected, hourly dynamic rates will apply
- The battery can only export energy to the grid; it cannot charge using grid energy



Smart Solar Billing hourly dynamic pricing

Prices vary hourly and are updated everyday



Easier installs with Power Control software



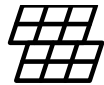
Learn more
link.enphase.com/power-control

Enphase Power Control software controls the power produced and exported by an Enphase Energy System to avoid costly main panel upgrades.

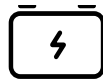
Power Control features



Save by avoiding main panel upgrades.



Install more PV than allowed by main panel.



Add up to 80 kWh of IQ Battery capacity.



Avoid utility transformer upgrades for lower cost.



Enable import/export mode for IQ Batteries.



Maximize savings by utilizing stored energy during peak hours.

System configurations

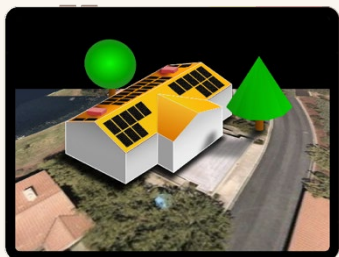
- Solar Only without backup IQ8 Microinverters
- Solar Plus Batteries without backup IQ8 Microinverters and IQ Battery 5P
- Solar Plus Batteries without backup IQ8 Microinverters and IQ Battery 3T/10T
- Solar Plus Batteries with backup IQ8 Microinverters and IQ Battery 5P
- Solar Plus Batteries with backup IQ8 Microinverters and IQ Battery 3T/10T

An aerial photograph of a residential property. The main house has a red metal roof and is covered with numerous dark blue solar panels. To the left of the main house is a smaller structure, possibly a garage or shed, also with solar panels. A swimming pool is visible in the upper right corner. The property is surrounded by greenery and a paved driveway. The text "Generate compelling proposals with Solargraf" is overlaid on the left side of the image.

Generate compelling
proposals with Solargraf

Generate compelling proposals with Solargraf

Design your roof



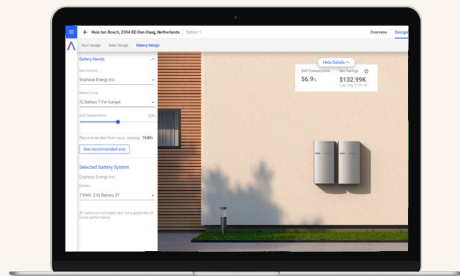
Rooftop 3D modelling for convincing visualization

AI-based auto-detection of obstructions, trees, azimuth, walls

Intelligent and optimized panel placement

Accurate shade analysis – with only one click

Size your system

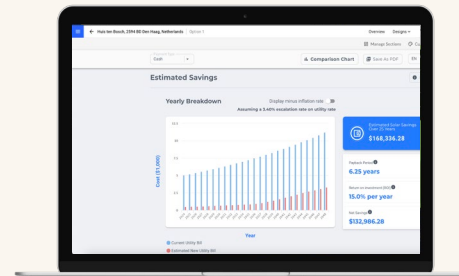


Individual solar and battery sizing recommendations based on household consumption and production

The battery can be sized for a desired bill offset or backup support

The solar system can be sized as per energy consumption or bill offset targets

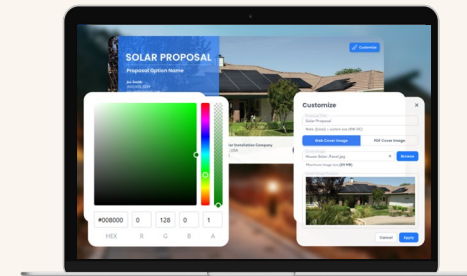
Select your electricity tariff and grid services



Preview savings and payback from selecting the best-fit electricity contract

Opt-in to grid services to generate even more savings

Create winning proposals



Create tailored proposals with customizable colours, fonts, logo, and language

Present multiple pricing and product options

Conclusion



Conclusion

Key takeaways for Smart Solar Billing

- All systems installed after 01/01/2025 will be billed under Smart Solar Billing
- Prices vary hourly and are updated daily
- Energy export credits can only offset supply costs
- Storage systems are eligible for rebate up to \$300/kWh of installed storage capacity
- Adding a battery maximizes savings and energy independence

Installation flexibility

- Solar Plus Battery system enables installing South or West facing solar panels
- Right-size the system to meet your customer's needs
- Use power control systems to avoid main panel upgrade
- Model the system to optimize for **Self-Consumption** or **Full Backup** profile

Solargraf design and proposal tool

- Four easy steps to model an Enphase system ready for Smart Solar Billing

Revision history

Version	Date	Description
MKT-00994-1.0	February 2025	Initial release.



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