

The background image shows three large, red, ribbed hot air balloons floating in the sky. Below them is a dense, green forested area with a body of water in the distance. In the far background, a town with several golden pagodas is visible under a clear sky. The overall scene is bright and scenic, suggesting a sunrise or sunset setting.

Access to Residential Solar- Opportunities & Challenges

By Jim DesJardins,
Renewable Energy Industry Assn-NM (REIA)

Challenges for Residential Solar

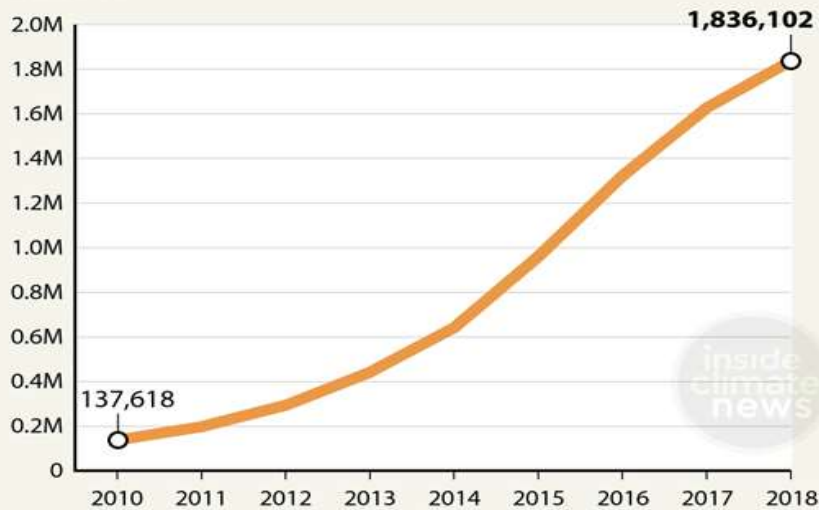
- How do we manage growth in solar.
- Net Metering: Many NM utilities are changing format and not offering over-production credit at retail rates.
- Federal Tax Credit for Residential to decline from 30% to 26% in 2020, 22% in 2021 and then 0.
- Permitting complexities add to cost and time to install system.
- 15% PV penetration on feeder lines specified in NM interconnection manual.
- Transition to 100% renewables energy (RE) and Duck Curve.
- Tariffs add cost and uncertainty.

Solar Growth & Duck Curve

Rooftop Solar's U.S. Growth

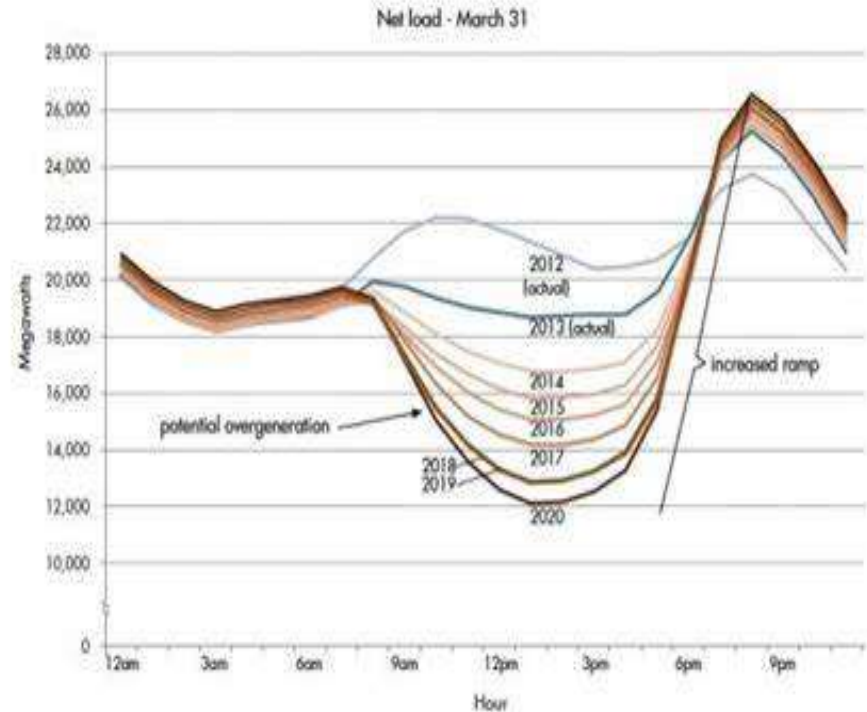
The number of U.S. households that generate their own electricity from solar panels has increased more than 12-fold since 2010.

HOUSEHOLDS WITH SOLAR PANELS 2010-2018



SOURCE: EIA

PAUL HORN / InsideClimate News



Opportunities for Residential Solar

- Distributed Generation (DG)-Roof-top Solar expected to continue to increase but at slower rate.
- De-coupling will remove dis-incentive to utilities to have DG.
- Solsmart initiative encourages local jurisdictions to provide streamlined permitting processes.
- Property Accessed Clean Energy (PACE) programs are being enacted in parts of NM.
- Community Solar offers Lower and Moderate Income (LMI) access to solar. Needs to be done right.
- Storage cost is coming down enabling 100% RE and addressing Duck Curve issue.
- State Tax Credit for Solar needs adequate funding.

Thank you!

Jim DesJardins

505-917-5074, jim@sollunasolar.com