



Follow me @timechols



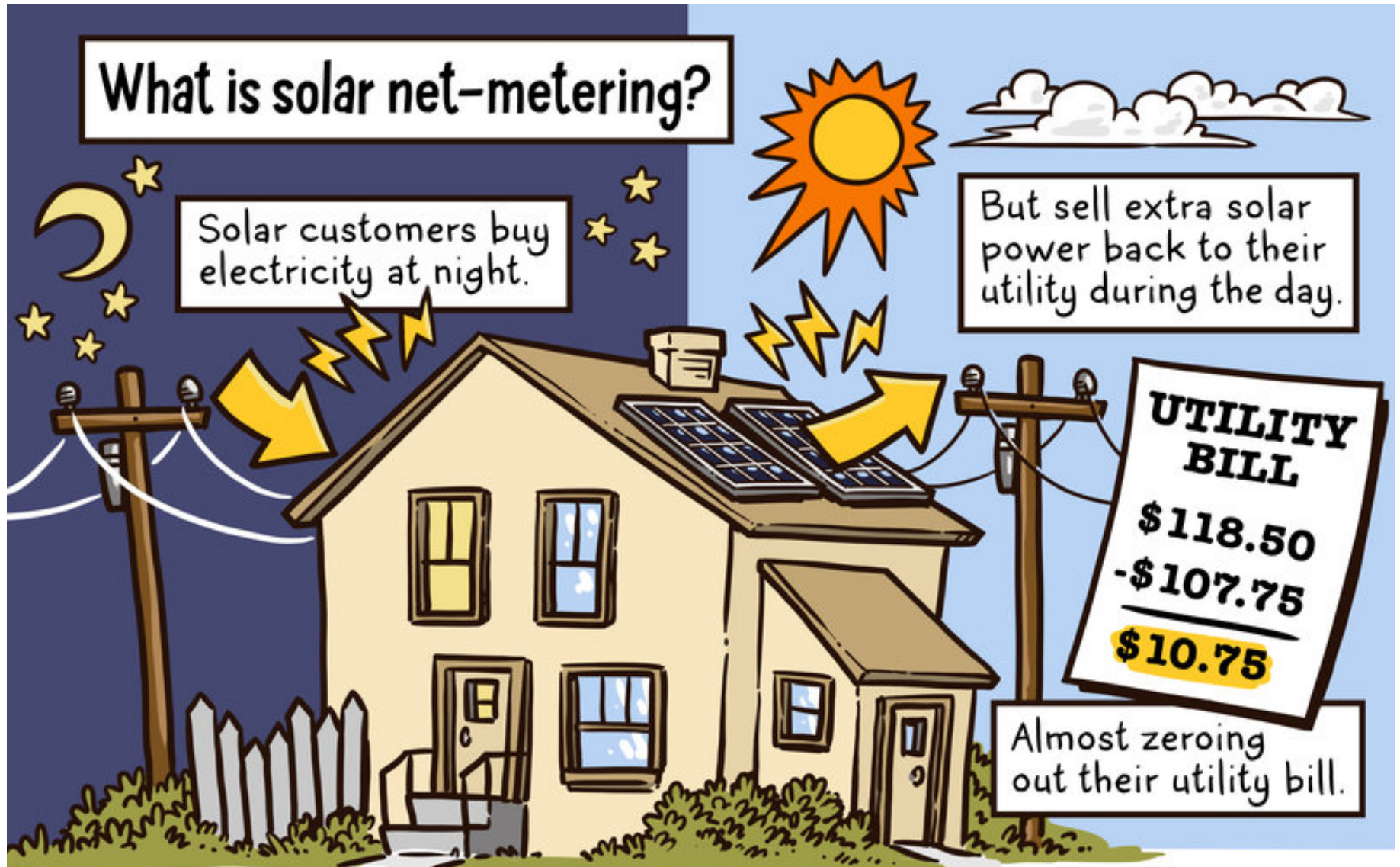
Echols
in 2010
with
James
Marlow

**Echols' home in 2010—before taking
office.**

Oops, forgot about shade.



Solar evolution in Georgia



Solar 1.0 in Georgia

- Began in 2003, 4000 customers subscribed (out of 2.1 million)
- Georgia Power buys solar and landfill gas
(solar at 17 cents per kWh is fully subscribed)
- Voluntary program for customers who wish to promote green energy
- Purchase green energy in blocks (Premium/Regular)
- RECs are transferred to Georgia Power/retired on behalf of customer
- Program is Green-e certified by the Center for Resource Solutions
- In 2010, the Commission approved an automatic trigger mechanism/ the more blocks that customers purchase the more solar that will automatically be purchased by Georgia Power



RIP



A GREAT
IDEA

2011—The Solar Express

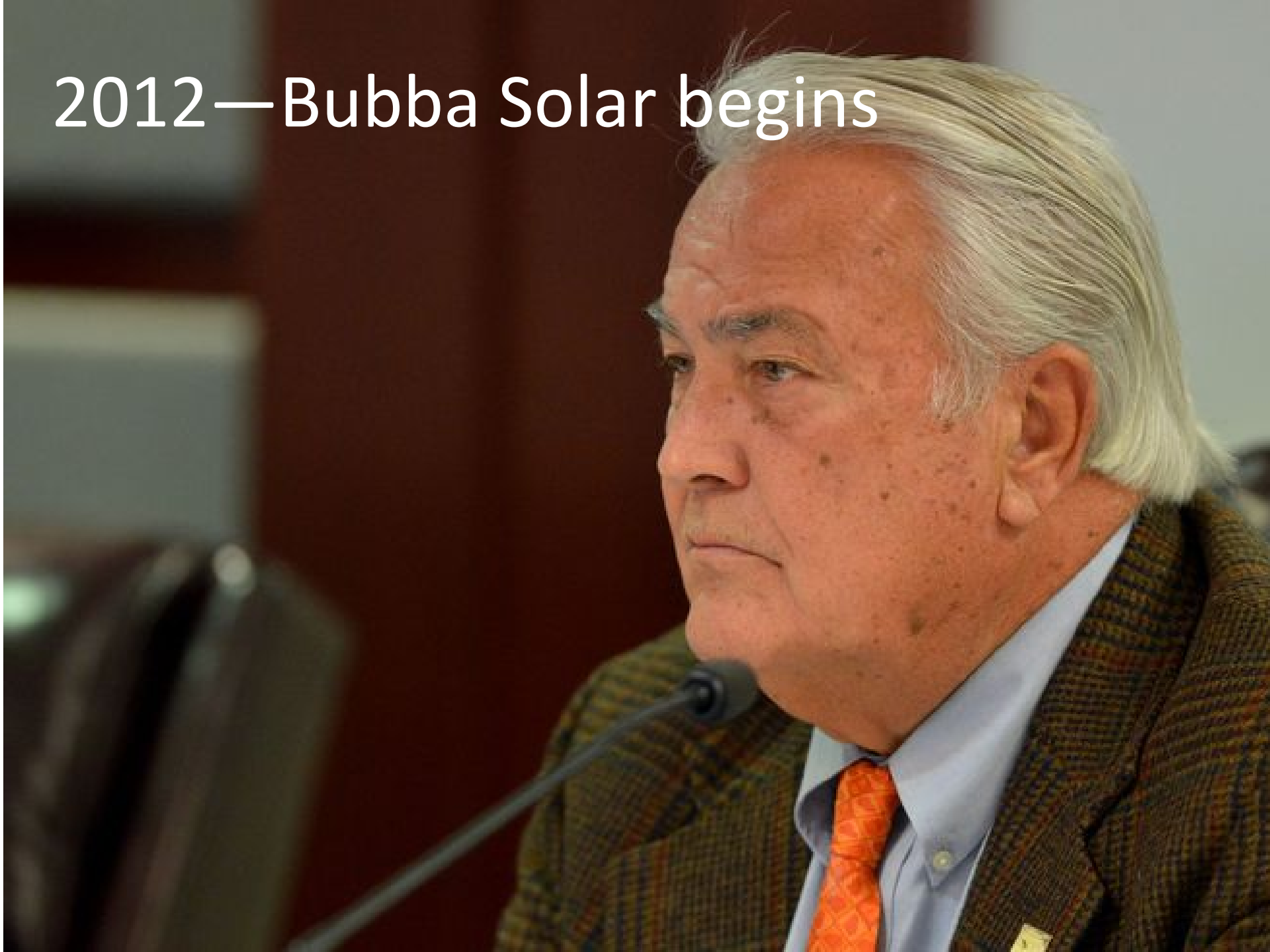
www.magesolar.com



2011 Roadshow begins



2012—Bubba Solar begins



Bubba's 525MW ASI in 2013



ENTRY & DEPARTURE RULES

The following set of rules are in place for your own safety as well as the safety of others.
All site personnel and visitors must ensure they comply.

1. No unauthorized persons allowed beyond this point.
2. All visitors must check in at Security guard kiosk or Moss trailer, NO EXCEPTIONS.
3. Safety HARD HATS, SAFETY GLASSES and SAFETY FOOTWEAR to be worn at all times.
4. No alcohol or drugs allowed on site.
5. Any vehicles and/or personal property brought on Site is subject to searches.
6. Anyone working on site is subject to drug and alcohol testing and background investigations by his/her employer.
7. The following conduct will not be tolerated:
stealing; fighting; harassing; threats of violence; violation of Applicable Law; use or possession of any firearm on the Site; use, possession, distribution, sale, or being under the influence of illicit drugs or alcohol; abuse of prescribed medication or use of medication prescribed for someone else; horseplay; recklessness; sleeping on-Site; listening to radios/music; recordings, pictures, video of any Intellectual Property or confidential information; playing of games, electronic or otherwise; speeding or reckless operation of any vehicle on or near Site; duplication of keys, or divulging security codes or passwords; allowing personal visitors on-Site other than to pick-up or drop-off.

Emerging Technology in 2014



ASI a version of Community Solar?

- 1. 963 MW placed primarily in rural and poor counties (county gets benefit too)**
- 2. No risks to customers—price cannot be over avoided costs**
- 3. Everyone participates and GA gains renewable leadership**

Military Solar a win-win in 2015



Where are we?

- Georgia was the 6th fastest growing solar state in the US in 2015 (SEIA).
 - Current programs will result in more than 1G by 2017 (SEIA).
- We have relied on competitive procurements to deliver the lowest cost solar resources for customers.
 - A significant percentage of bids have come in below Georgia Power's projected long term avoided cost.
- Georgia Power will add up to 1,200 MW of renewables in their 2016 IRP per stipulated agreement. (1050 utility, 150 DG)
- Community Solar on the move.
 - Several Georgia EMCs offer Community Solar.
 - Georgia Power is adding 3MW due to amendment from a PSC Commissioner
 - Georgia Power is doing a joint venture with The Ray Foundation to add a 1MW solar array on DOT property due to amendment from same Commissioner

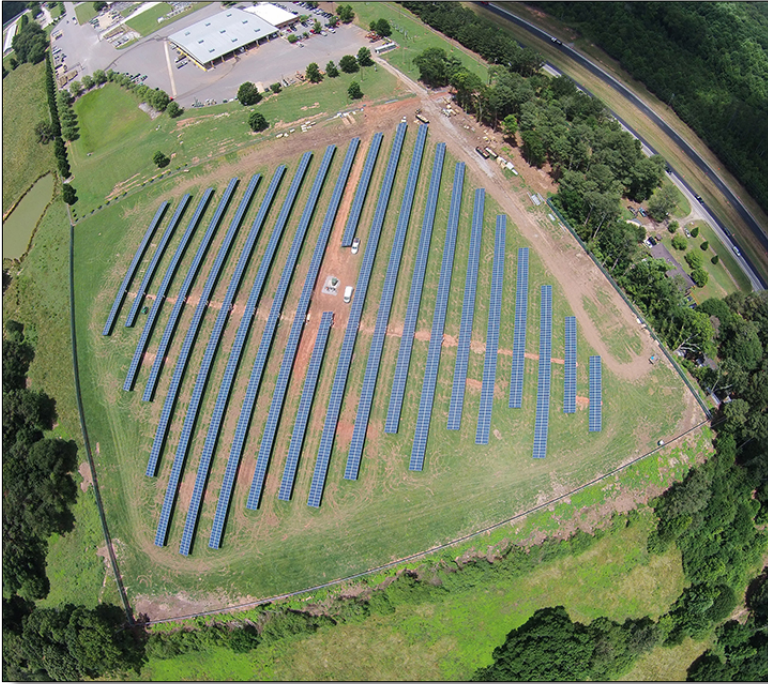
Where are we heading in GA?



Implementing REDI Program



Community Solar growing



1 MW
750 Blocks
Online 7/15

Fully Subscribed Before Coming Online

+ 1,500 on Waiting List for Project 2

Project 2



2.5 MW
1,825 Blocks
Online 5/16

Fully Subscribed Before Coming Online

+ 750 on Waiting List for Project 3

Project 3

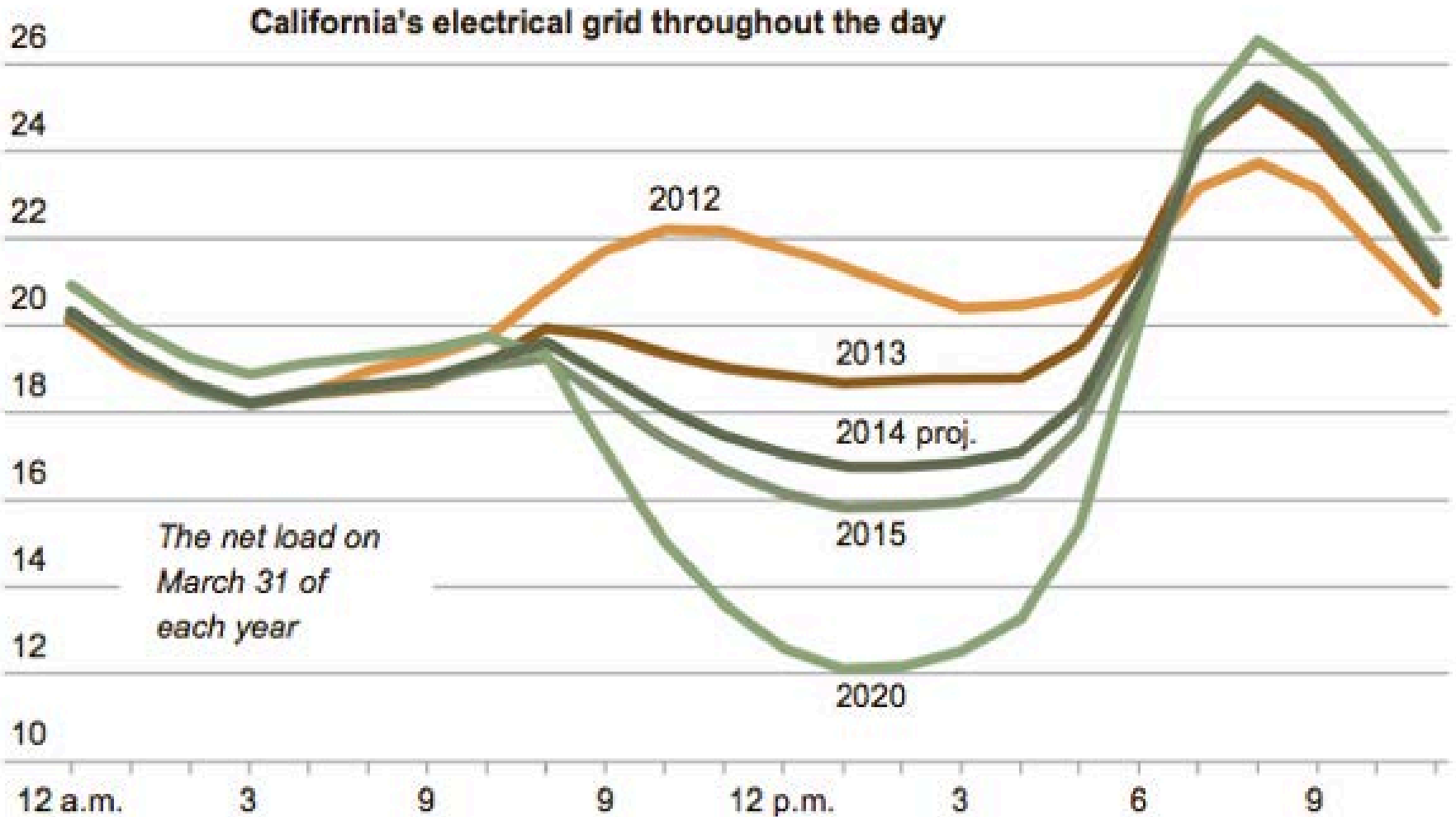


3 MW
2,250 Blocks
Online in 2017

750 on Waiting List for Project 3

Preparing for Georgia's Duck Curve

28 thousand megawatts



Source: CalISO

Marketing solar to EV owners



Questions?

Email or social media or call

Public Service Commission

Tim ECH  **LS**

 www.timechols.com 