



Incorporating When Energy Is Used Into the HERS Index

February 26, 2020



Code Compliance



Better Building Practices

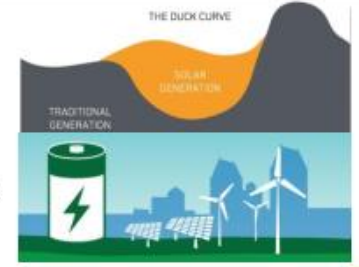
High Performance Green Structures

Pursuing Sustainability & Health

Load Management, Energy Generation & Storage



CALGreen.



ENGINEERING



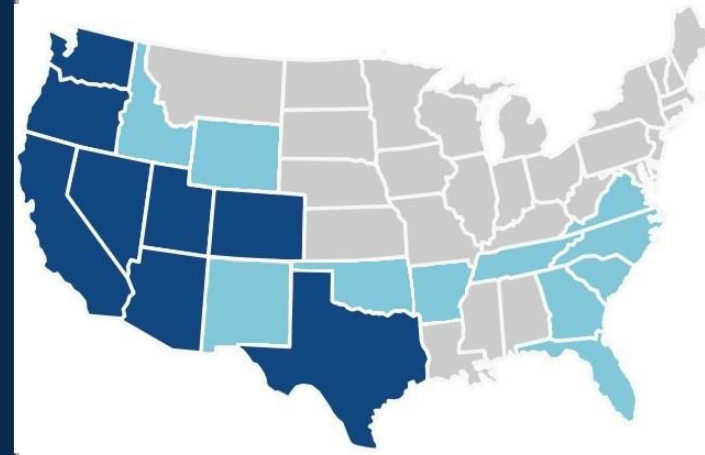
ENERGY INSPECTORS



DESIGN



RISK MANAGEMENT



Design & Engineering

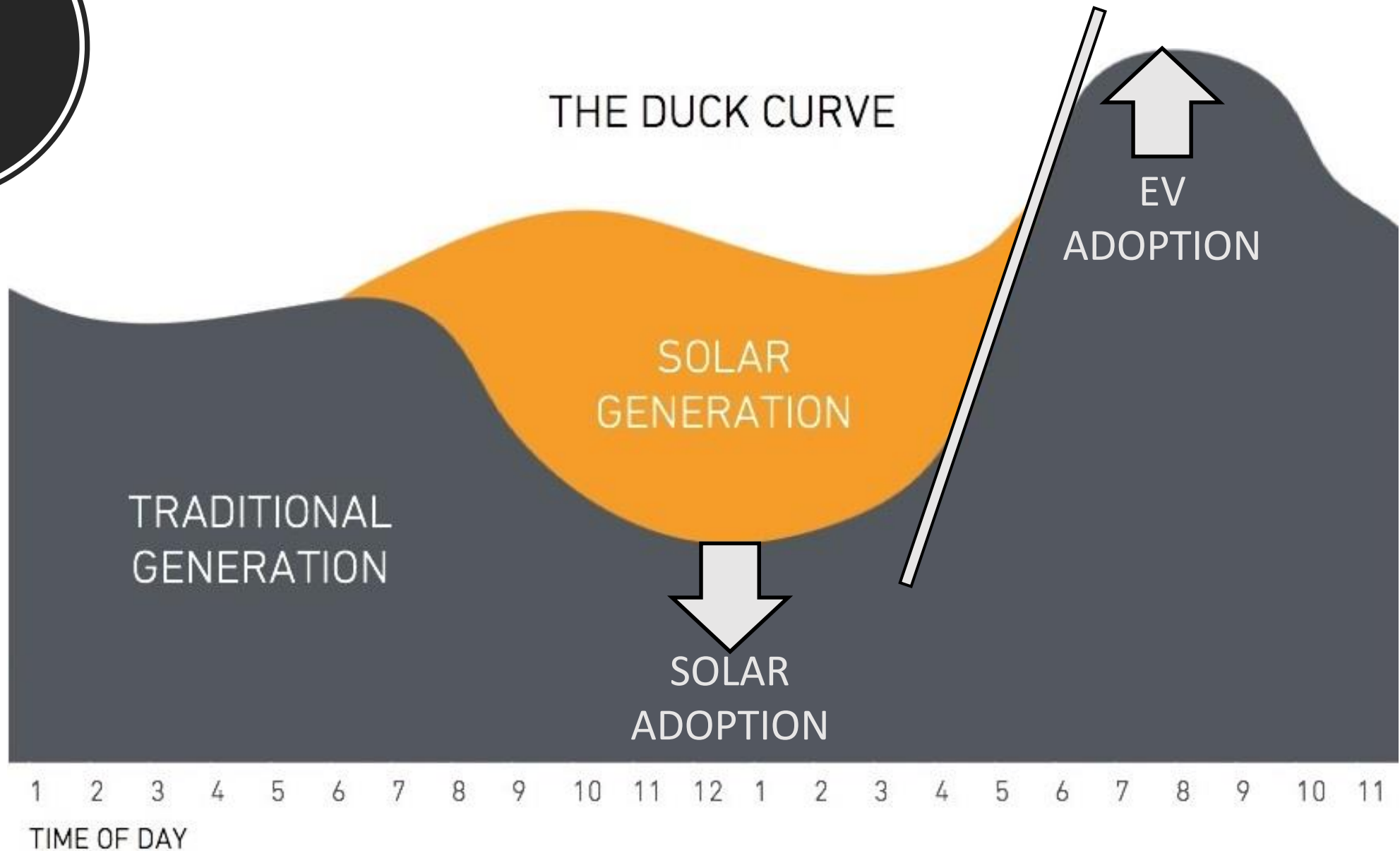
Overview

When Energy Is Used

- Utility Impact
- RESNET Opportunity
- Platform to Create Value for Utilities

“How Much” vs. “When”

Utility Impact



“When” Standard Development

- HERS = “How Much”
- Need new standard to measure “When”
- Generation, Storage & Load
- Active vs. Passive
 - Active = Utility control
 - Passive = set and forget
- Lower Score =
 - Net load alignment with fixed timing objective
 - Greater Utility control of timing

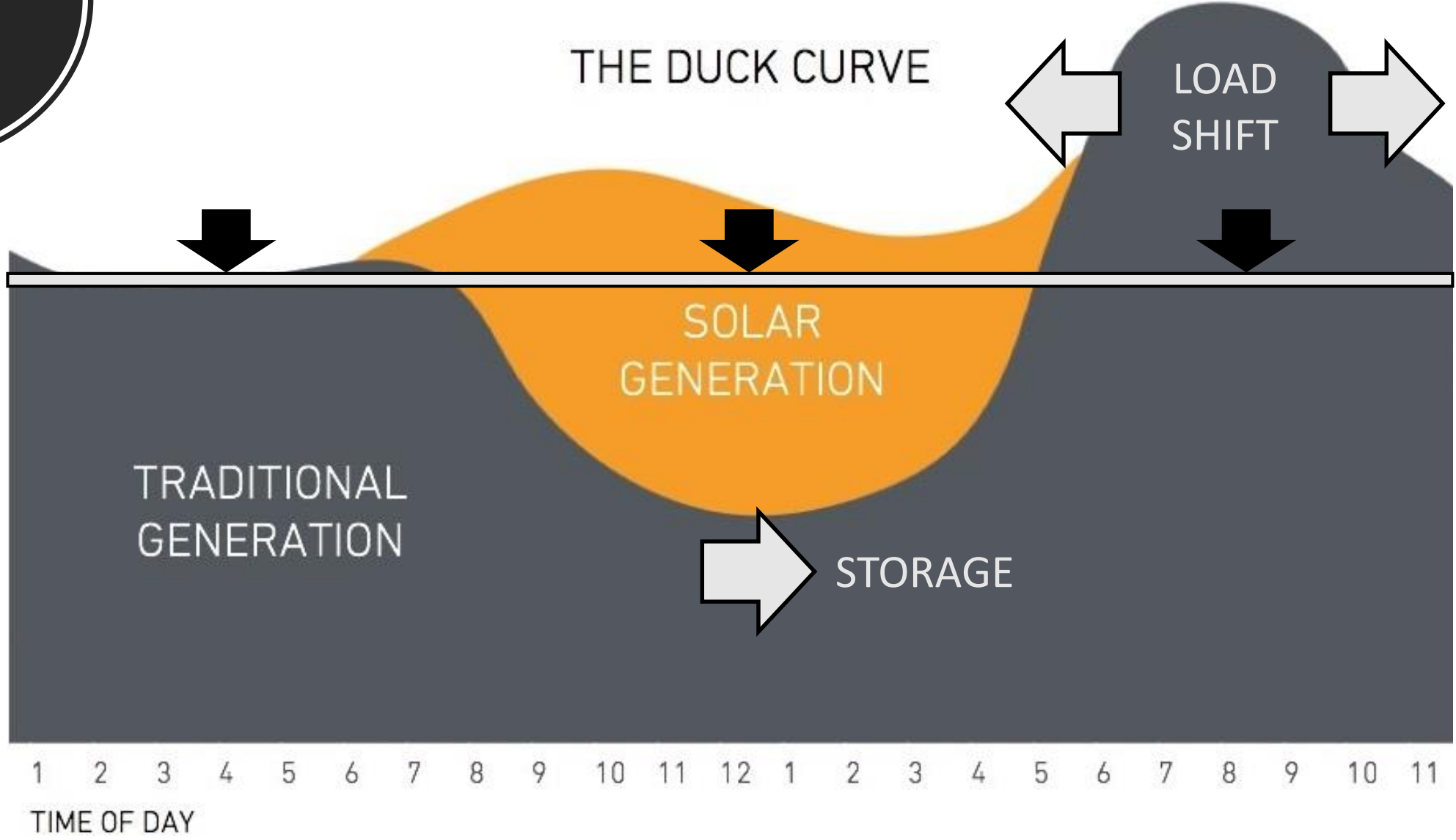
Create
Value

Platform for Incentives

- Utility Incentives
 - HERS target
 - Timing target
- Builder's adjust specs to achieve targets
- Raters:
 - Advise & model components to achieve targets
 - Verify commissioning of components
- Contractors install & commission components

Flatten the Curve To Lower the Curve

Goal





Questions

Questions?



Greg Cobb, President
gcobb@eicompanies.com
602-725-0718
www.eicompanies.com