

## Playing Well With Others? Co-location of Battery Storage Projects With Wind and Solar

UT Law Renewable Energy Conference

**January 31, 2017**

McGUIREWOODS

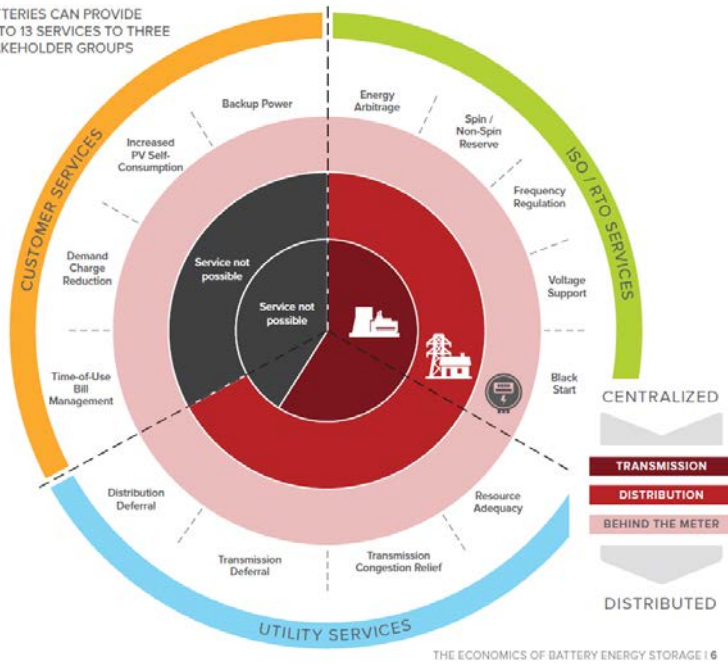
[www.mcguirewoods.com](http://www.mcguirewoods.com)

### Panelist Introductions

- **Suzanne Escudier**, S&C Electric Company, Chicago, IL
- **Les Sherman**, Orrick, Herrington & Sutcliffe LLP, San Francisco, CA
- **Clark Korbisch**, Advanced Microgrid Solutions, Austin, TX
- **Becky H. Dffen**, McGuireWoods LLP, Austin, TX

# Services Provided by Batteries

BATTERIES CAN PROVIDE UP TO 13 SERVICES TO THREE STAKEHOLDER GROUPS

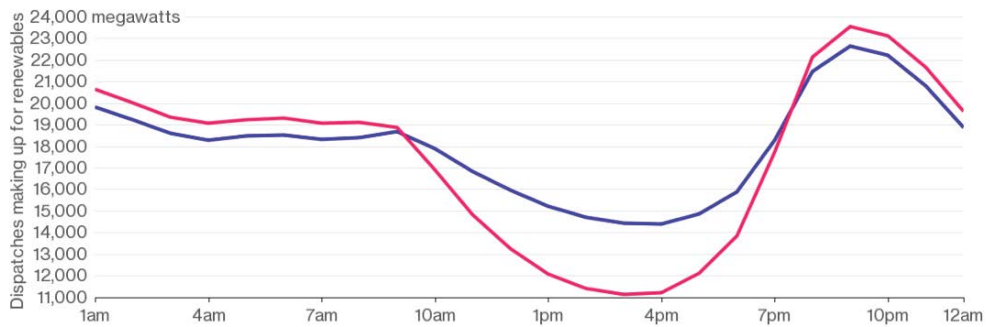


# Duck Curve

## The California Duck Curve

The power California has to dispatch to make up for intermittent renewables surges in the late afternoon hours, creating a curve resembling the profile of a duck.

■ 2015 ■ 2020 Forecast



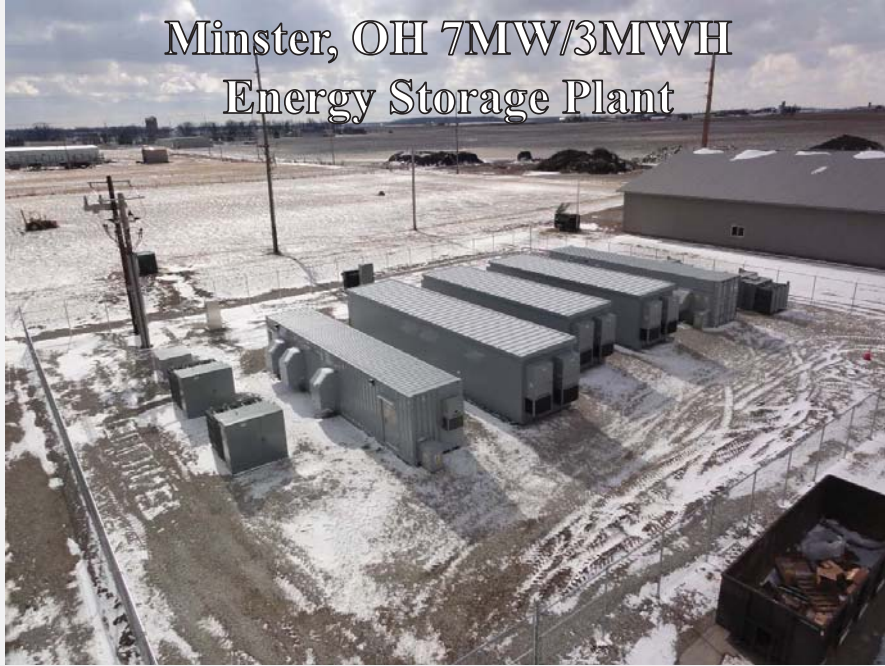
Source: California ISO

Note: Data is from March 31, 2015, and from forecasts for March 31, 2020.





## Minster, OH 7MW/3MWH Energy Storage Plant



sandc.com



## Minster 7MW/3MWH Energy Storage with 4.4MW Photovoltaic Plant Project

### Case Study: Energy Storage with Solar

- Energy storage + PV = delivering true value to customers, and boosting returns.
- The village of Minster, OH had a desire to increase their renewables portfolio & “go green”.
- Secret to financing uncontracted revenue – monetizing many ancillary benefits simultaneously & benefits to flow to multiple stakeholders
  - three primary revenue streams/cost avoidance.

6

sandc.com

Find the full text of this and thousands of other resources from leading experts in dozens of legal practice areas in the [UT Law CLE eLibrary \(utcle.org/elibrary\)](http://utcle.org/elibrary)

## Title search: Playing Well with Others? Co-location of Battery Storage Projects with Wind and Solar

Also available as part of the eCourse

[2017 Renewable Energy Law eConference](#)

First appeared as part of the conference materials for the  
2017 Renewable Energy Law session

"Playing Well With Others? Co-location of Battery Storage Projects With Wind and Solar"