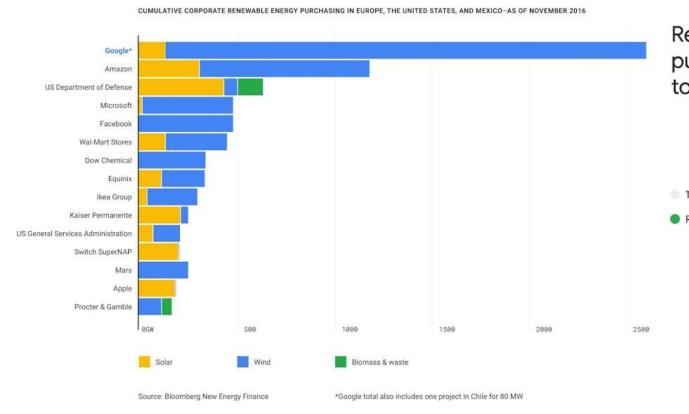
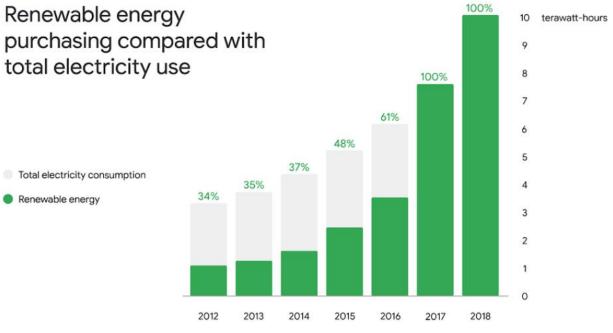
How corporate 100% renewable targets are changing the way we plan our grids

ESIG Fall Technical Workshop | October 29, 2019



Corporate procurement is changing the game





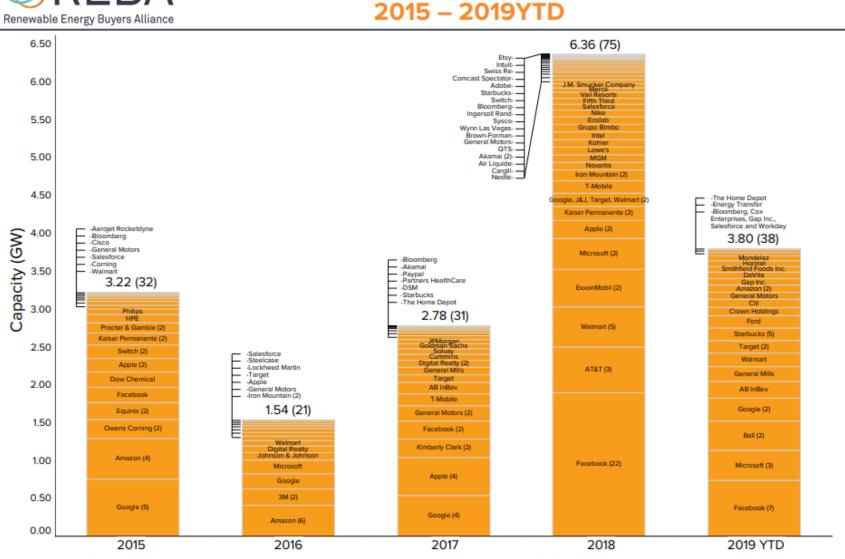


TELOS ENERGY

A growing list of players

RFBA

Image Credit: Renewable Energy Buyers Alliance (rebuyers.org)



Corporate Renewable Deals

As of August 28, 2019. Publicly announced contracted capacity of corporate Power Purchase Agreements, Green Power Purchases, Green Tariffs, and Outright Project Ownership in the US, 2015 – 2019YTD. Excludes onsite generation (e.g., rooftop solar PV) and deals with operating plants. (#) indicates number of deals each year by individual companies. Copyright 2019 by Renewable Energy Buyers Alliance.



What comes next?

Bridging the gap between planners & purchasers

- Grid planners can no longer assume renewable growth is driven by **policy & RFPs**
- Multi-national trend 100% renewable goals are going global
- 100% renewable across **time and space**: Planning for 24/7 [resource diversity, load flexibility, storage, utility partnerships]
- It's not just about corporates cities & municipalities joining to trend
- Voluntary commitments extend to the vertically integrated IOUs (Idaho Power, Xcel CO, MidAmerican, etc.)

The same tools and analyses used for decades at the grid operator level should be applied to corporate procurement – but at a **larger scale & faster**



4

Introducing today's panel of experts



