Delivering a Renewable Energy Future:

Transforming the Energy Marketplace for C&I Customers

REBA
Renewable Energy Buyers Alliance

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MidGrid 2035, October 20, 2020

Advancing the Grid Vision for 2035

Why We’re Here

C&I companies are the largest source of energy-related GHG’s in the US, emitting 2 ¼ billion tons of GHGs from energy use last year.

In 2019, C&I companies also announced new renewables projects equal to 80% of all new renewables brought online last year

Energy buyers want to do more but are stymied by persistent regulatory, legal, and market barriers.

Our Vision: Why we exist and What we do

A resilient, zero-carbon energy system where every organization has a viable, expedient, and cost-effective pathway to renewable energy.

Capacity	Catalyze **60 GW** of new, corporate backed renewables on the grid by 2025
Access	Avoid **millions of tons of CO_2** emissions
Buyers	Grow the buyer market to **50,000 buyers**

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REBA was established with a strong mandate from buyers

REBA Leadership Circle

Akamai | amazon | facebook | GENERAL MOTORS | Google

Hewlett Packard Enterprise | HSC HEMLOCK SEMICONDUCTOR | Johnson & Johnson | salesforce | The Walt Disney Company

Walmart | 3Degrees | AVANGRID RENEWABLES | Clearway

ENGIE | CMS ENERGY Enterprises™ | Constellation. An Exelon Company | EDF renewables

EDISON energy | First Solar | K&L GATES | lendlease

Level10 Energy | Schneider Electric | S·POWER An AES and AIMCo Company

Our Leadership Circle alone has:

$1.9 Trillion in revenues

8 Fortune 100 companies

12 Global 500 companies

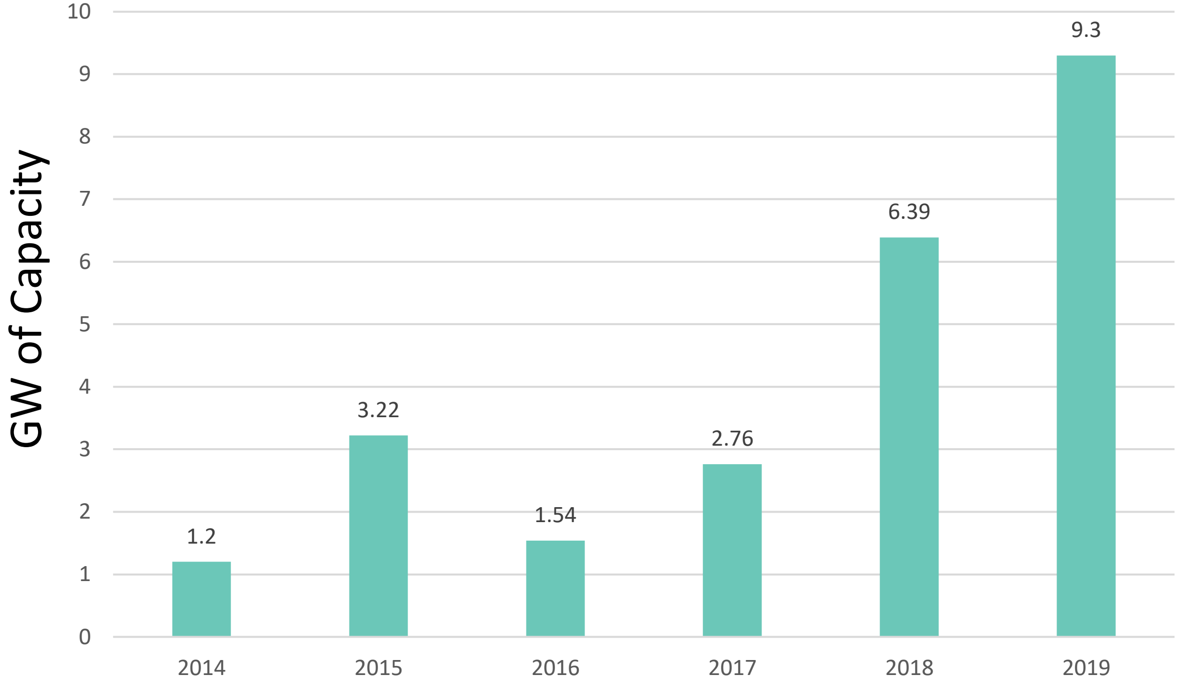
1 world's biggest company

4

State of the Market

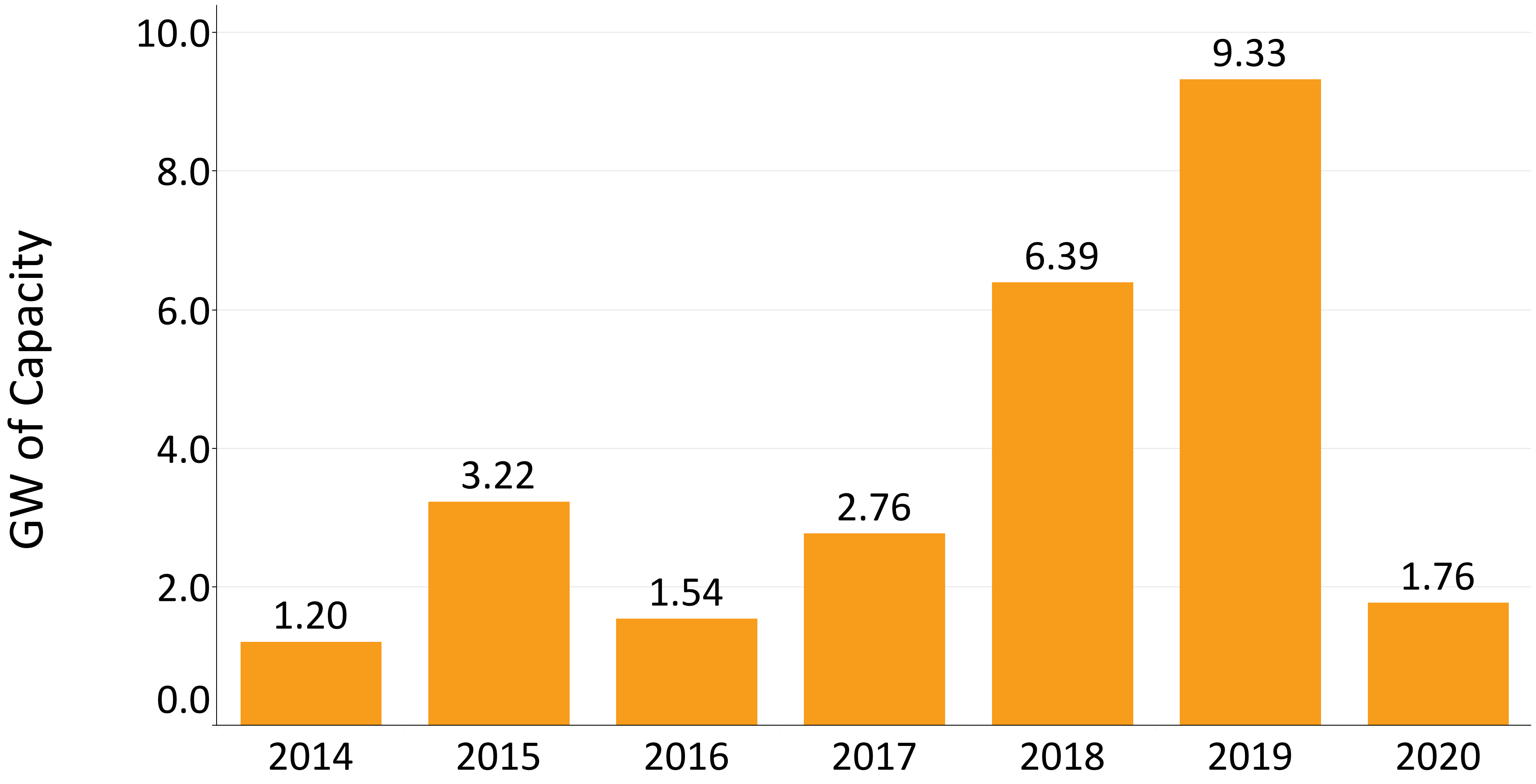
Announced large-scale renewable deals in the U.S.

More than 26 GW since 2008



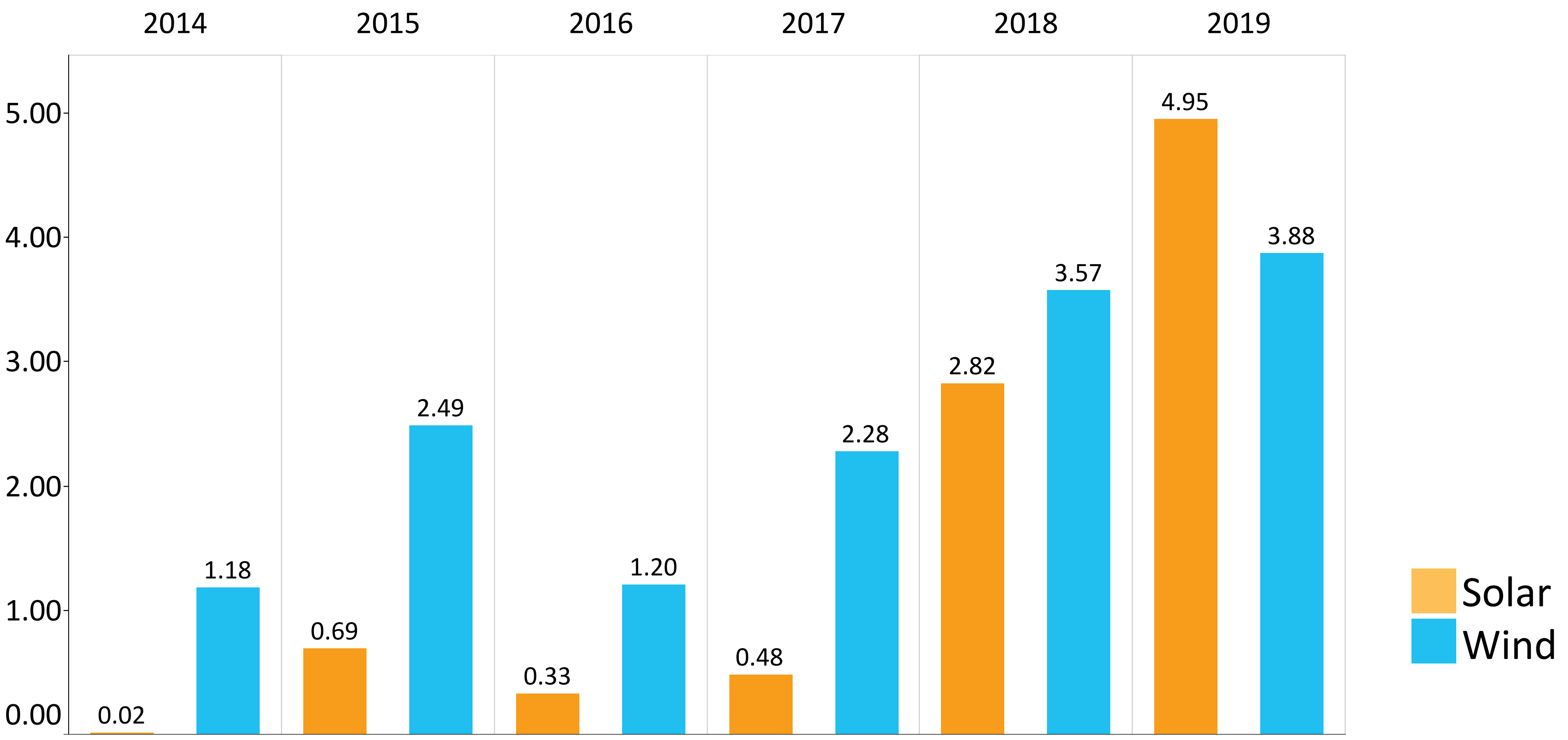
Publicly announced contracted capacity of corporate Power Purchase Agreements, Green Power Purchases, Green Tariffs, and Outright Project Ownership in the US, 2018 by quarter. Excludes on-site generation (e.g., rooftop solar PV) and deals with operating plants. (#) indicates number of deals each year by individual companies. Copyright 2019 by Renewable Energy Buyers Alliance

Since REBA's inception in 2014 through our 2019 inaugural year, the **impact** of the REBA community is growing



Over 26GW announced in the last 10 years

Technology Evolution



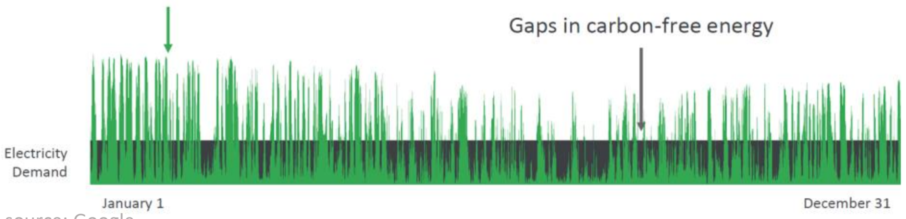
Nearly 2.2 GW of the over 3.7 GW of solar announced in 2019 has been in ERCOT

As of April 24, 2020. Publicly announced contracted capacity of corporate Power Purchase Agreements, Green Power Purchases, Green Tariffs, and Outright Project Ownership in the US, 2015-2020 by quarter. Excludes on-site generation (e.g., rooftop solar PV) and deals with operating plants. (#) indicates number of deals each year by individual companies. Copyright 2020 Renewable Energy Buyers Alliance. Produced in part using data from S&P Global Market Intelligence, Copyright © 2020.

WHERE are companies going next with zero-carbon energy?

1

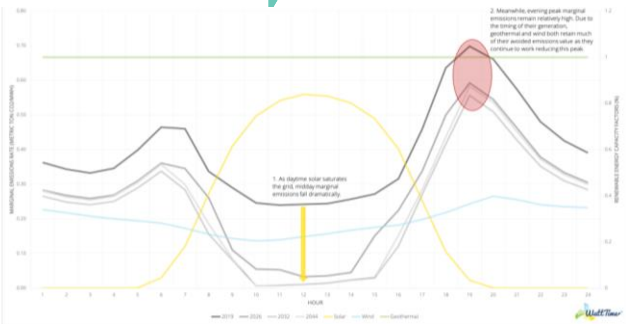
**Transitioning from 100% RE goals
to
zero carbon all the time goals**



source: Google

2

New/Additional Projects → **Material Impact Projects**



source: WattTime

3

Policy & Regulatory Engagement

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More International Procurement

5

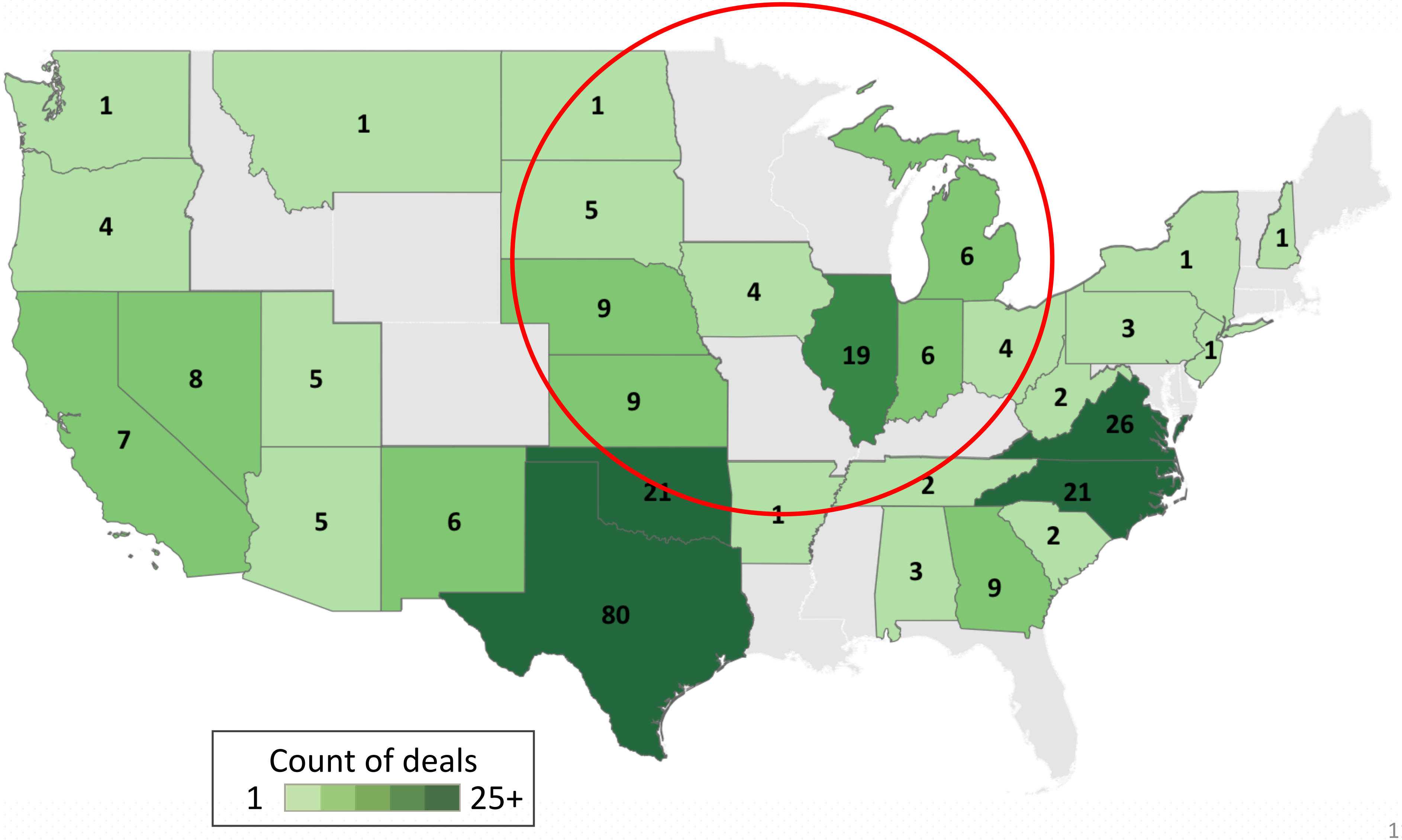
Focus on Supply Chain Partners

6

Impact Beyond Carbon

Challenges and Opportunities

Where are Corporates Signing Deals?
Until 2020YTD



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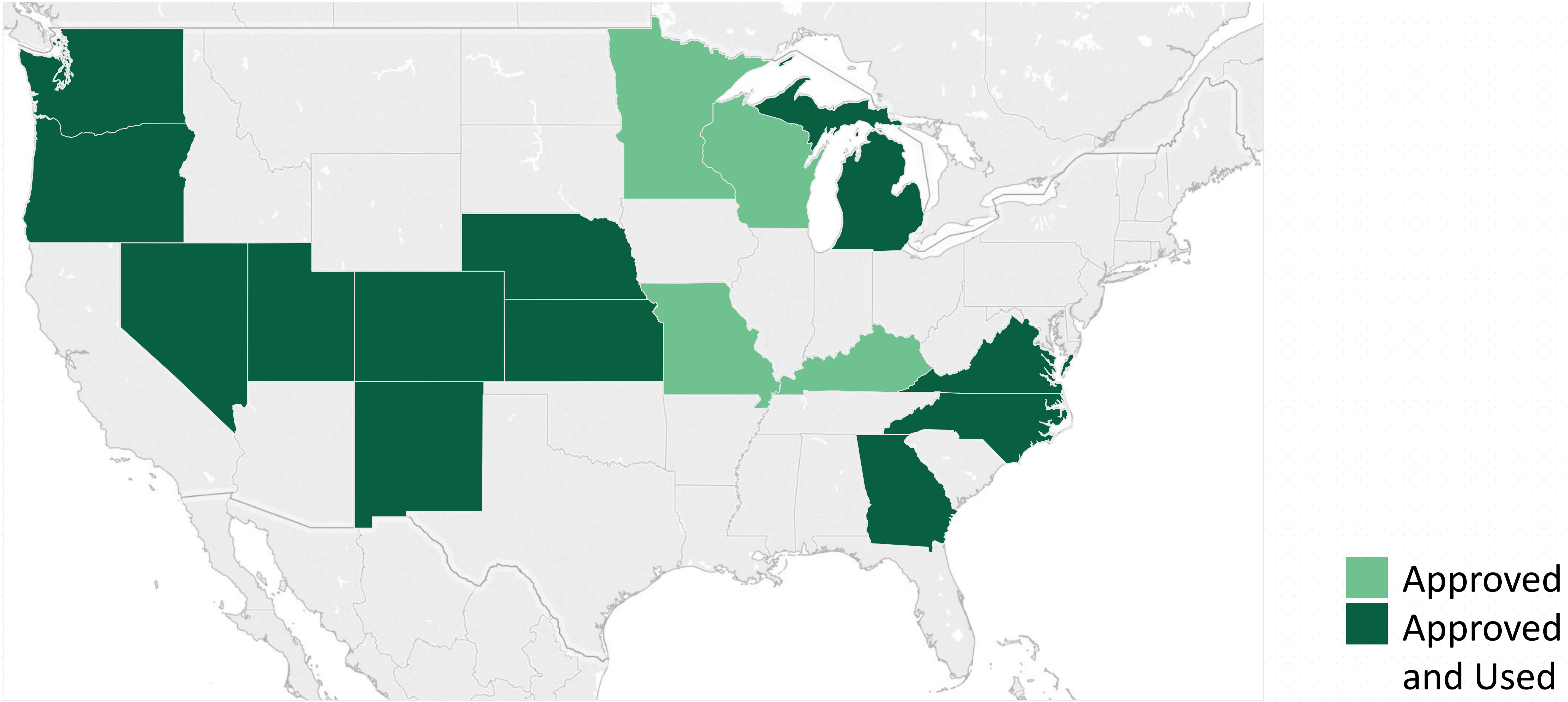
States with green tariffs approved and used



Data only includes deals that involve build of new generation and corporate commitments

16 states have green tariffs available, only 12 have active customers.

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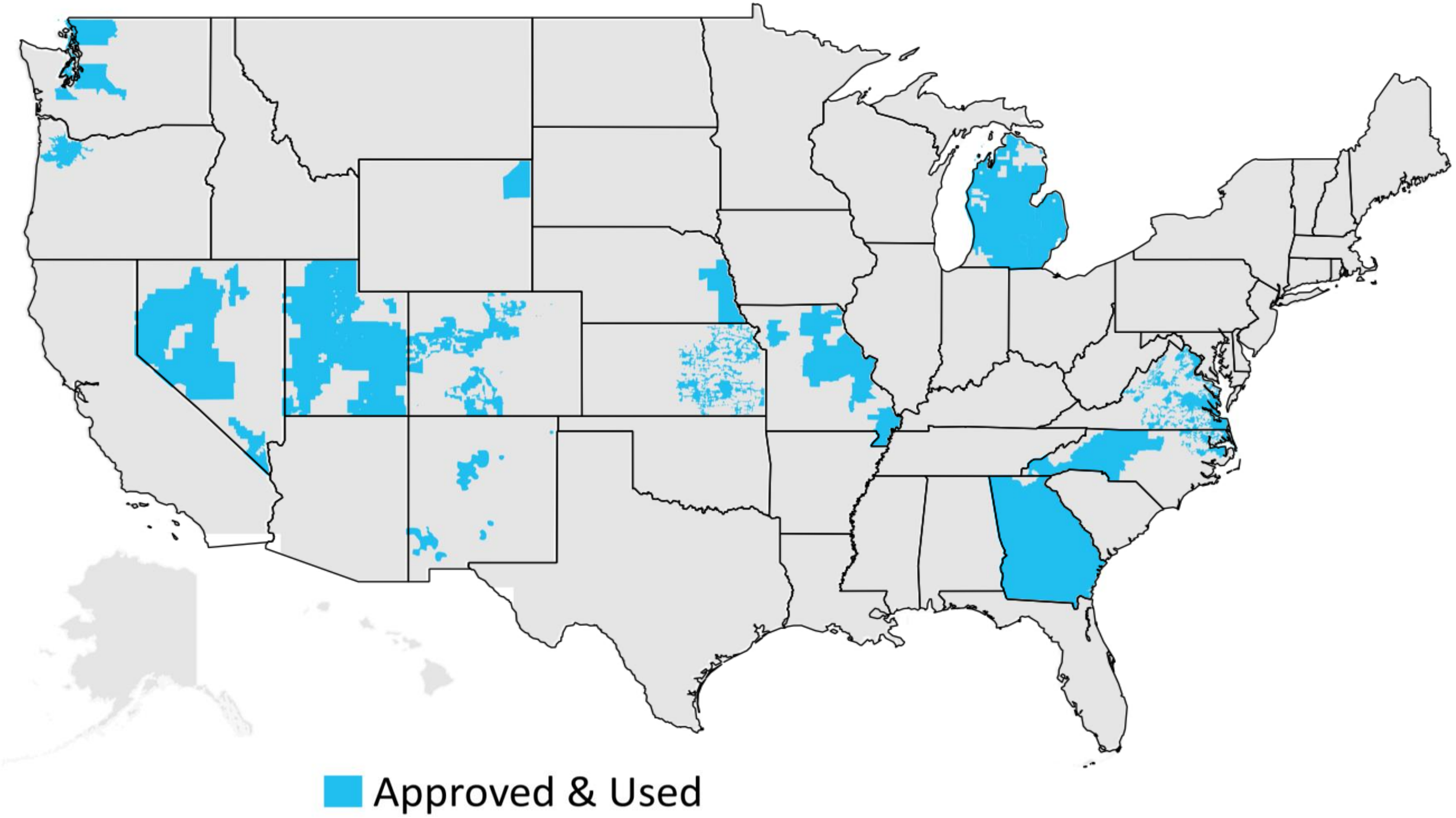
Utility service territories with PUC-approved green tariffs and executed corporate deals



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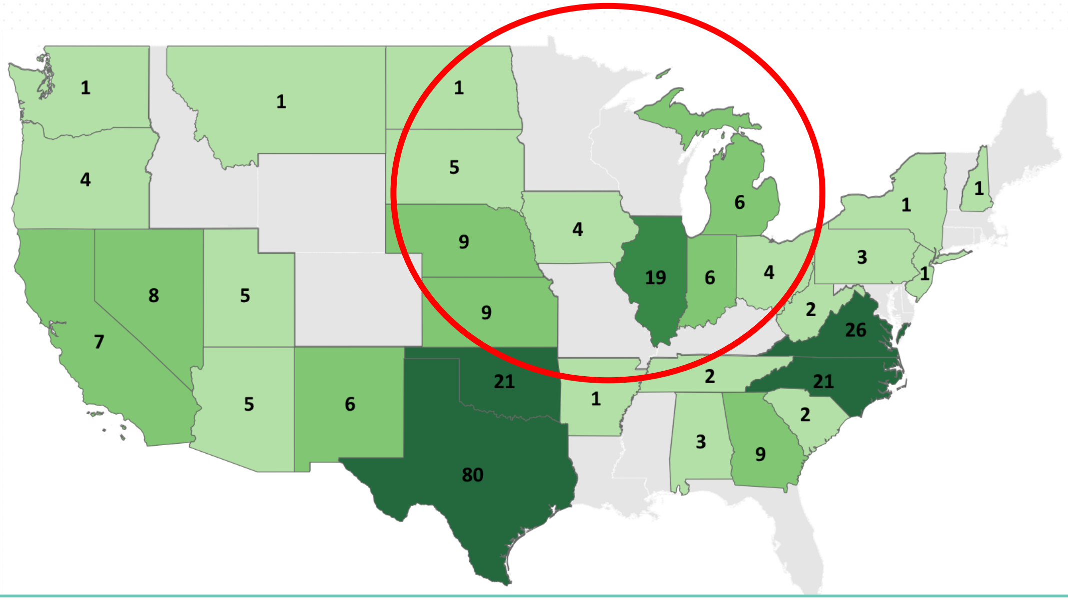
Narrowing deployed green tariffs to utility service territories further highlights their limited availability

Data from REBA Green Tariff tracking and only includes deals that involve build of new generation and corporate commitments

Transmission Challenges



Barriers: Transmission Congestion

245 advanced stage clean energy projects were withdrawn, developers and experts point to congestion and grid upgrade costs as main factors

It is critical to address transmission constraints through the transmission expansion planning process and account for corporate sustainability demand into those processes to ensure large energy buyers continue to see the investment opportunities in the Midwest to ***help drive the decarbonization of the electricity sector.***

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Unlocking the potential

- Align around a vision for expanding clean energy across the region
- Account for customer demand in transmission forecasting
- More inter-state and cross-RTO planning to build the grid of the future and efficient interregional transmission.

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The Opportunity

Thank You

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- communications@rebuyers.com
- linkedin.com/renewableenergybuyersalliance