CORPORATE CLEAN ENERGY PROCUREMENT INDEX:
STATE LEADERSHIP & RANKINGS

JANUARY 2017

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CLEAN EDGE
About the Index – www.rila.org/energy

• Ranks all 50 states on ease with which companies can procure renewable energy.

• States that enable **customer renewable energy procurement choice** most likely to attract job-creating businesses.

• Findings intended to:
  (1) help companies determine which states provide the best opportunities for executing their renewables strategy
  (2) to assist policymakers in advancing clean energy policy that will incentivize businesses to invest in renewable energy procurement in the state.
Index Structure and Components

Index broken into three categories that represent the major ways in which businesses can procure renewables

- Categories weighted equally, with deployment factors accounting for half of each category score and policy elements the other half

- Indicators chosen were those that specifically address ways in which businesses procure RE, and measuring the impact of key associated policies

- Data gathered from a number of public sources, as well as AWEA, RMI, SEIA, and WRI, along with additional insights collected by EQ Research
## Policies Enabling Corporate Clean Energy Procurement

### Policy Checklist

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Source: Center for the New Energy Economy (CNEE), the Database of State Incentives for Renewable and Efficiency (DSIRE), the Energy Information Agency (EIA), ITI Scorecard, the Federal Energy Regulatory Commission (FERC), and Interconnect Renewable Energy Council (IERC). KEI Energy 11, Rate Solar Wind, Resources Institute, and Clean Edge research. Note for calculation purposes, Green Power Purchase Options, Community Renewables, and Community Choice Aggregation receive half credit in the index scoring.
CORPORATE CLEAN ENERGY PROCUREMENT INDEX: OVERALL RESULTS

Overall Results of the Index
Utility Purchasing Options Results

CORPORATE CLEAN ENERGY PROCUREMENT INDEX: UTILITY PURCHASING OPTIONS

RANK | STATE | INDEX SCORE
1 | Iowa | 100.00
2 | Nevada | 80.28
3 | Virginia | 44.59
4 | Connecticut | 42.86
5 | Delaware | 42.86
6 | Maine | 42.86
7 | New Jersey | 42.86
8 | Illinois | 38.10
9 | Maryland | 38.10
10 | Massachusetts | 38.10
11 | New Hampshire | 38.10
12 | New York | 38.10
13 | Ohio | 38.10
14 | Pennsylvania | 38.10
15 | Rhode Island | 36.80
16 | Texas | 38.10
17 | North Carolina | 28.58
18 | California | 28.57
19 | Michigan | 28.57
20 | Nebraska | 26.95
21 | Montana | 23.81
22 | New Mexico | 23.81
23 | Oregon | 23.81
24 | Vermont | 23.81
25 | Oklahoma | 23.48
26 | Indiana | 19.05
27 | Kansas | 19.05
28 | Minnesota | 19.05
29 | Mississippi | 19.05
30 | Missouri | 19.05
31 | North Dakota | 19.05
32 | South Dakota | 19.05
33 | Utah | 15.05
34 | Wisconsin | 15.05
35 | Arkansas | 14.29
36 | Louisiana | 14.29
37 | West Virginia | 14.29
38 | Georgia | 12.17
39 | Alabama | 5.47
40 | Colorado | 4.76
41 | Washington | 4.76
42 | Alaska | 0.00
42 | Arizona | 0.00
42 | Florida | 0.00
42 | Hawaii | 0.00
42 | Idaho | 0.00
42 | Kentucky | 0.00
42 | South Carolina | 0.00
42 | Tennessee | 0.00
42 | Wyoming | 0.00

INDEXING THE CLEAN ENERGY ECONOMY
Third-Party Purchasing Options Results

CORPORATE CLEAN ENERGY PROCUREMENT INDEX: THIRD-PARTY PURCHASING OPTIONS

RANK | STATE | INDEX SCORE
1    | Texas | 100.00
2    | Oklahoma | 91.57
3    | California | 86.64
4    | New York | 70.18
5    | Massachusetts | 68.68
6    | Rhode Island | 68.68
7    | Illinois | 68.28
8    | Ohio | 67.26
9    | Kansas | 65.84
10   | Iowa | 65.46
11   | Connecticut | 57.23
12   | Delaware | 57.23
13   | Hawaii | 57.23
14   | Maine | 57.23
15   | Maryland | 57.23
16   | New Hampshire | 57.23
17   | New Jersey | 57.23
18   | Oregon | 57.23
19   | Vermont | 57.23
20   | Pennsylvania | 50.88
21   | Michigan | 48.88
22   | Colorado | 45.78
23   | Georgia | 45.78
24   | Minnesota | 45.78
25   | Nevada | 45.78
26   | New Mexico | 45.78
27   | Washington | 45.78
28   | Louisiana | 34.34
29   | Mississippi | 34.34
30   | Missouri | 34.34
31   | Tennessee | 34.24
32   | Virginia | 31.48
33   | West Virginia | 30.40
34   | Indiana | 26.11
35   | North Carolina | 26.00
36   | Arizona | 22.89
37   | South Carolina | 22.88
38   | Utah | 22.89
39   | Alaska | 11.45
40   | Idaho | 11.45
41   | Montana | 11.45
42   | Nebraska | 11.45
43   | North Dakota | 11.45
44   | South Dakota | 11.45
45   | Wisconsin | 11.45
46   | Wyoming | 11.45
47   | Alabama | 0.00
48   | Arkansas | 0.00
49   | Florida | 0.00
50   | Kentucky | 0.00

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INDEXING THE CLEAN ENERGY ECONOMY
Onsite/Direct Deployment Results

CORPORATE CLEAN ENERGY PROCUREMENT INDEX: ONSITE/DIRECT DEPLOYMENT OPTIONS

RANK | STATE | INDEX SCORE
--- | --- | ---
1 | Illinois | 100.00
2 | New Jersey | 95.86
3 | California | 81.50
4 | Massachusetts | 75.15
5 | Ohio | 74.61
6 | Maryland | 72.79
7 | New York | 72.20
8 | Oregon | 71.82
9 | Utah | 70.86
10 | Connecticut | 69.40
11 | Colorado | 66.49
12 | Pennsylvania | 65.80
13 | Rhode Island | 65.06
14 | Delaware | 64.72
15 | New Hampshire | 64.51
16 | Vermont | 64.41
17 | Delaware | 64.21
18 | North Carolina | 64.14
19 | South Carolina | 58.89
20 | Maine | 58.77
21 | Indiana | 58.74
22 | Iowa | 58.74
23 | Washington | 58.74
24 | Hawaii | 53.80
25 | Texas | 52.41
26 | Arizona | 50.10
27 | North Carolina | 49.86
28 | Florida | 47.33
29 | Kentucky | 47.12
30 | Mississippi | 46.99
31 | Montana | 46.99
32 | New Mexico | 42.99
33 | Missouri | 41.80
34 | Louisiana | 41.16
35 | Nebraska | 41.12
36 | Minnesota | 35.44
37 | Kansas | 35.39
38 | Wisconsin | 35.34
39 | Mississippi | 35.28
40 | Alabama | 35.24
41 | South Dakota | 35.24
42 | Michigan | 29.75
43 | Idaho | 28.37
44 | North Dakota | 29.37
45 | Wyoming | 29.37
46 | Tennessee | 24.88
47 | Nevada | 23.91
48 | Georgia | 23.77
49 | Oklahoma | 23.49
50 | Alabama | 0.00

CLEAN EDGE INDEXING THE CLEAN ENERGY ECONOMY
Offsite Third-Party Renewable PPA Deployment by State

As of June 2016, just 14 states had deployment through corporate PPAs in their territory.

- Texas is the runaway leader, with neighboring Oklahoma a distant second.
- Those two states account for nearly 2/3 of all corporate PPA deployment.
- Nearly all (85%) of PPAs are for wind power.
Corporate Onsite Solar Deployment (MW), Top 10 States

- As of November 2015, 37 states had corporate onsite solar deployment
- Greater than 60% of this deployment is in California and New Jersey
- Only three of the top 10 are in the sunny West, showing how policy can impact deployment in places without the highest solar resource availability
Context: Corporate Renewable Procurement Trends

• **We’re committed**: Nearly half of Fortune 500 companies have renewable, greenhouse gas, and/or energy efficiency goals and even more are investing

• **We’re acting**: In 2015, commercial & industrial (C&I) buyers accounted for greater than half of all wind PPAs signed in the U.S. and around 40% in 2016
• C&I customers are expected to procure 60 GW of wind and solar by 2025

• **We support your economy**: Retail is one of the country’s largest employers and IT represents some of the most exciting new growth opportunities
• According to IRENA, solar jobs have surpassed each of oil, gas, and coal extraction in the U.S., with clean energy accounting for almost 770,000 jobs total in the nation
Five-Point State Action Plan for RE Economic Development

1. Remove barriers to corporate deployment of both onsite and offsite renewable installations.

2. Support the development of next-generation options to purchase renewable energy through utilities in regulated markets.

3. Expand energy choice options for C&I customers in regulated markets.

4. Ensure that an adequate market exists for renewable purchasing through both utilities and third-party programs.

5. Ensure that RE in both regulated and deregulated markets can scale up rapidly.
Next Steps: Employers for Renewable Energy (ERE)

• A coalition of job creators prioritizing renewable energy policy – speaking to the economic benefits of working with our sectors on the issue

• American businesses want: the ability to run on cost-effective, renewable energy that makes economic sense, supports energy independence, and is better for public health and the environment.

• Policies that stifle the ability of companies to adopt clean energy hurt their state’s growth potential. Those states are at serious risk of missing opportunities to welcome in coalition members looking to move, expand and create jobs.

www.employersforrenewableenergy.com
My Questions for You:

- Does the Index provide you with information that empowers and excites your office?
- How have private sector voices been helpful to your office in the past?
- When have they missed the mark?
Thank You!

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RETAIL INDUSTRY LEADERS ASSOCIATION  
Educate. Collaborate. Advocate.

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