

Strengths, Weaknesses, Opportunities and Threats S.W.O.T.

A Dialogue on Energy Efficiency in Missouri (mostly IOU settings)

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Ground Rules

- **Positive statements**

- are objective statements that can be tested, amended or rejected by referring to the available evidence.

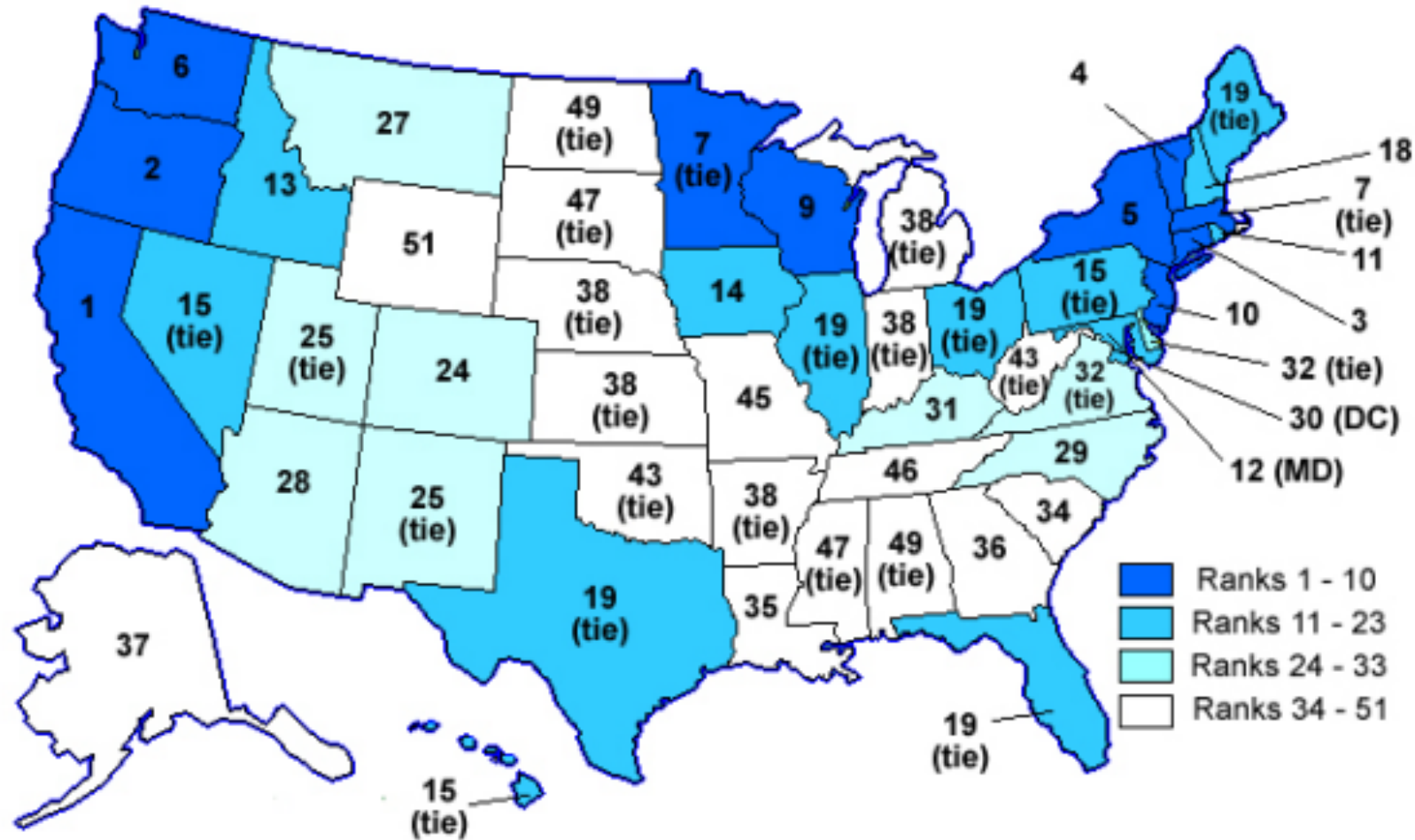
- **Normative Statements**

- expresses a value judgment about whether a situation is desirable or undesirable. It looks at the world as it "should" be.

Prelude: ACEEE Rankings

October 2008

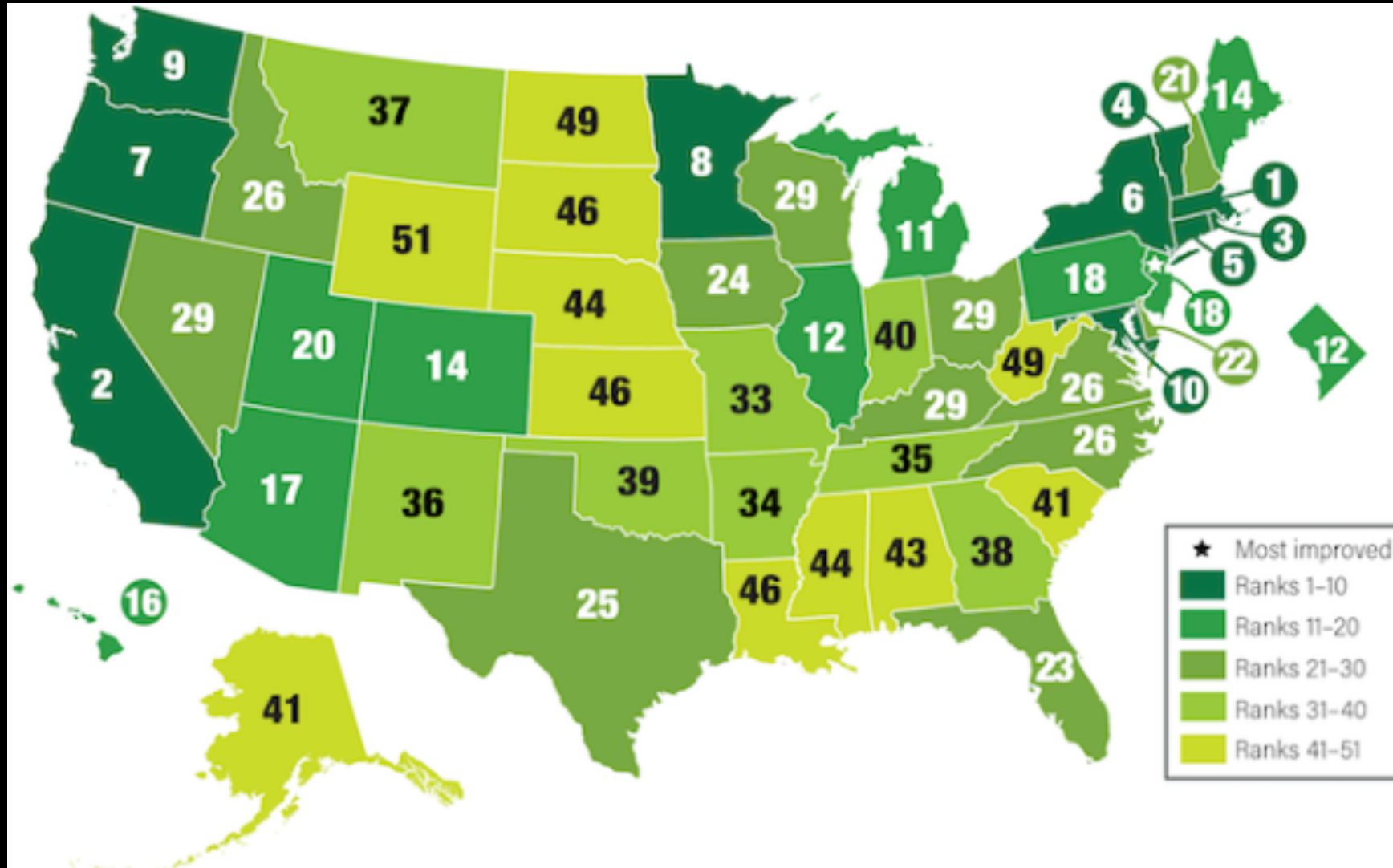
Figure ES-1. Map of State Energy Efficiency Scorecard Results



2008 Highest scoring categories

- Building Codes and Standards = 1.5
- Combined Heat And Power = 1.5
- State Lead by Example = 0.5
- R&D = 0.5
- Beat the following states:
 - Tennessee
 - Mississippi
 - North Dakota
 - South Dakota
 - Alabama
 - Wyoming

October 2018



2018 Highest scoring categories

- Utilities = 3.0
- Transportation = 2.5
- Building Policies = 3.5
- Combined Heat and Power = 1.5
- State-Led Initiatives = 4.5
- Appliance Standards = 0.0

3 Questions

- Is ACEEE's rankings an accurate representation of Missouri?
- How do we feel about moving from 45 to 33 in ten years?
- Is ACEEE rankings a positive or normative exercise?

Current Status Update

- Ameren Missouri 3.0
- KCPL & GMO 2.0
- Empire 0.5
- Gas Utilities
- Water Utility
- Municipals
- Co-Operatives

Act I: Strengths

What are we doing well?

Programs

Measures

Collaboration

Building Codes and Standards

Marketing

Cost-Effectiveness Scores

EM&V

Pricing - Billing

Target Groups

Demand Response

Direct, Indirect, and Non-Energy

Impact

Scale

Settlement/Litigation

Benefits for all

Equity

IRP

Market Potential

MEEIA Statute

MEEIA Rules

Split-Incentive

Other

Act II: Weaknesses

What could we be doing better in?

Programs

Measures

Collaboration

Building Codes and Standards

Marketing

Cost-Effectiveness Scores

EM&V

Pricing - Billing

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Other

Act III: Opportunities

What should we explore?

Programs

Measures

Collaboration

Building Codes and Standards

Marketing

Cost-Effectiveness Scores

EM&V

Pricing - Billing

Target Groups

Demand Response

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Other

Act IV: Threats

What are we ignoring?

Programs

Measures

Collaboration

Building Codes and Standards

Marketing

Cost-Effectiveness Scores

EM&V

Pricing - Billing

Target Groups

Demand Response

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Other

Other

Synapse Questions

1. Provide most recent, publicly available Excel-based screening tool that the utilities use to calculate cost-effectiveness in detail for their efficiency programs?
2. Utility's most recent energy efficiency plan or report that includes cost-effectiveness results and inputs like program costs, avoided costs, and benefits details?
3. What is the most recent value used for the discount rate?
4. What is the time frame for the screening analysis? Is it limited by model configurations, measure lives, or something else?
5. Are there any additional benefits included for low-income program cost-effectiveness screening?
6. Are non-energy benefits included in Missouri's TRC test?

Questions?



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T.hanks a lot