



Utility Financial Health Figures & Methodology

Updated August 2021

Utility Credit Rating: Methodology

- A. A query was run for all electric or combined IOUs in the contiguous 48 states plus Washington, D.C. from the S&P Global Capital IQ Pro platform that had filed for rate cases since 1/1/2011 and included the S&P Global Long Term Credit Rating for each utility plus additional information such as the state(s) of operation.
- B. Some companies on the list were parent companies with multiple utility subsidiaries. For utilities that had rate cases but did not have a credit rating, we substituted in a parent company's credit rating if that was available. If the parent company's credit rating was not available either, the utility was not included in our data set.
- C. The state(s) of operation was sometimes changed to reflect the proper state of operation for some utilities.
- D. Per S&P Global CIQ Pro guidelines, utilities were not included if they had not filed a rate case since 2011 or if:
 - i. the rate change requested was less than \$5 million or,
 - ii. the rate change approved was less than \$3 million.
- E. For utilities that had rate cases in multiple states, we allowed 1 credit rating for each state in which the utility had a rate case.
- F. Each credit rating was assigned a numerical value with 18 being the highest for AAA and 1 being the lowest for D (this table can be found as the 5th footnote).
- G. At the state level, the credit ratings for each utility within each state was averaged to arrive at a state level value.

Figure 1: Average Utility Credit Ratings (2011-2021)

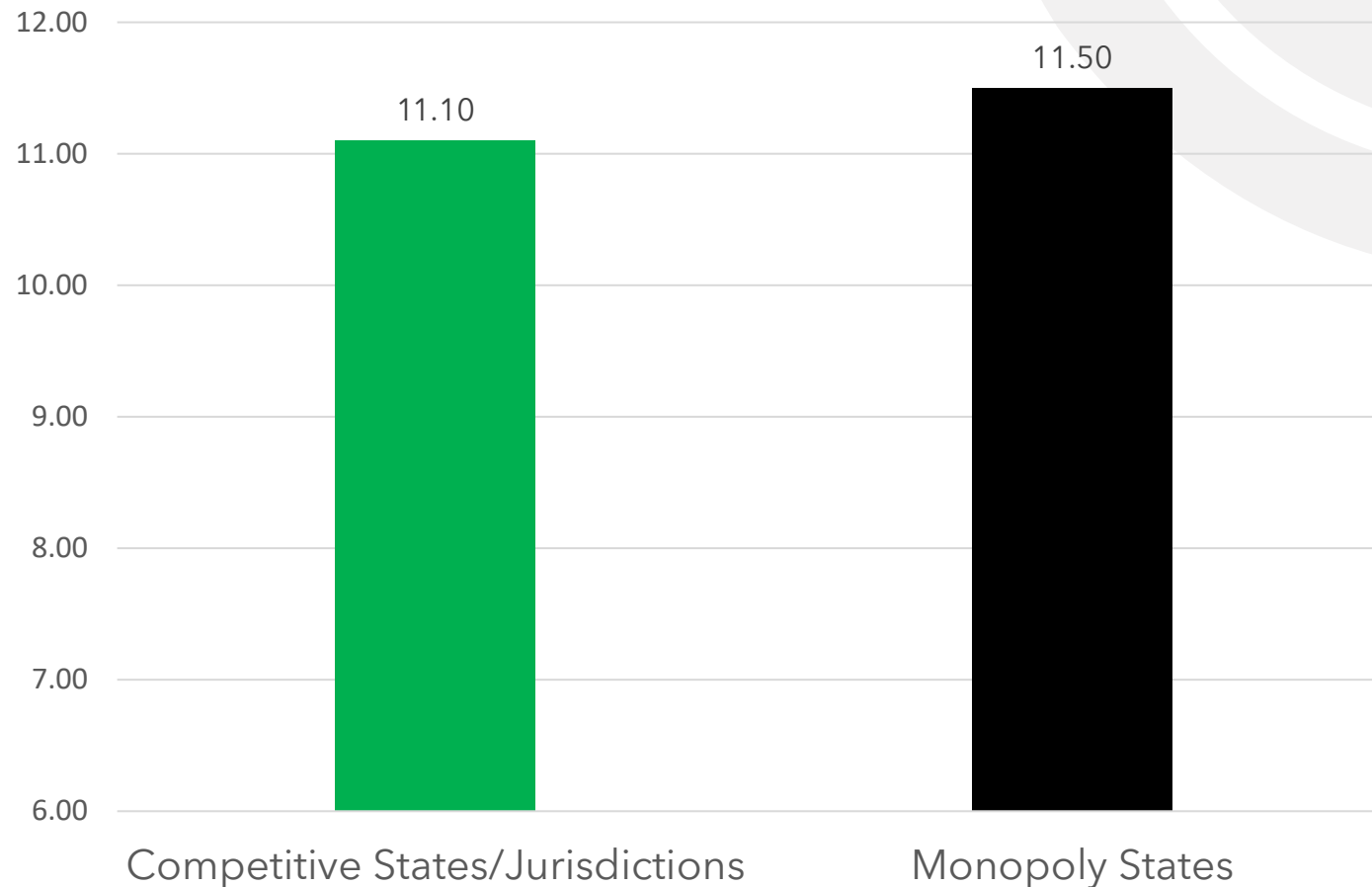
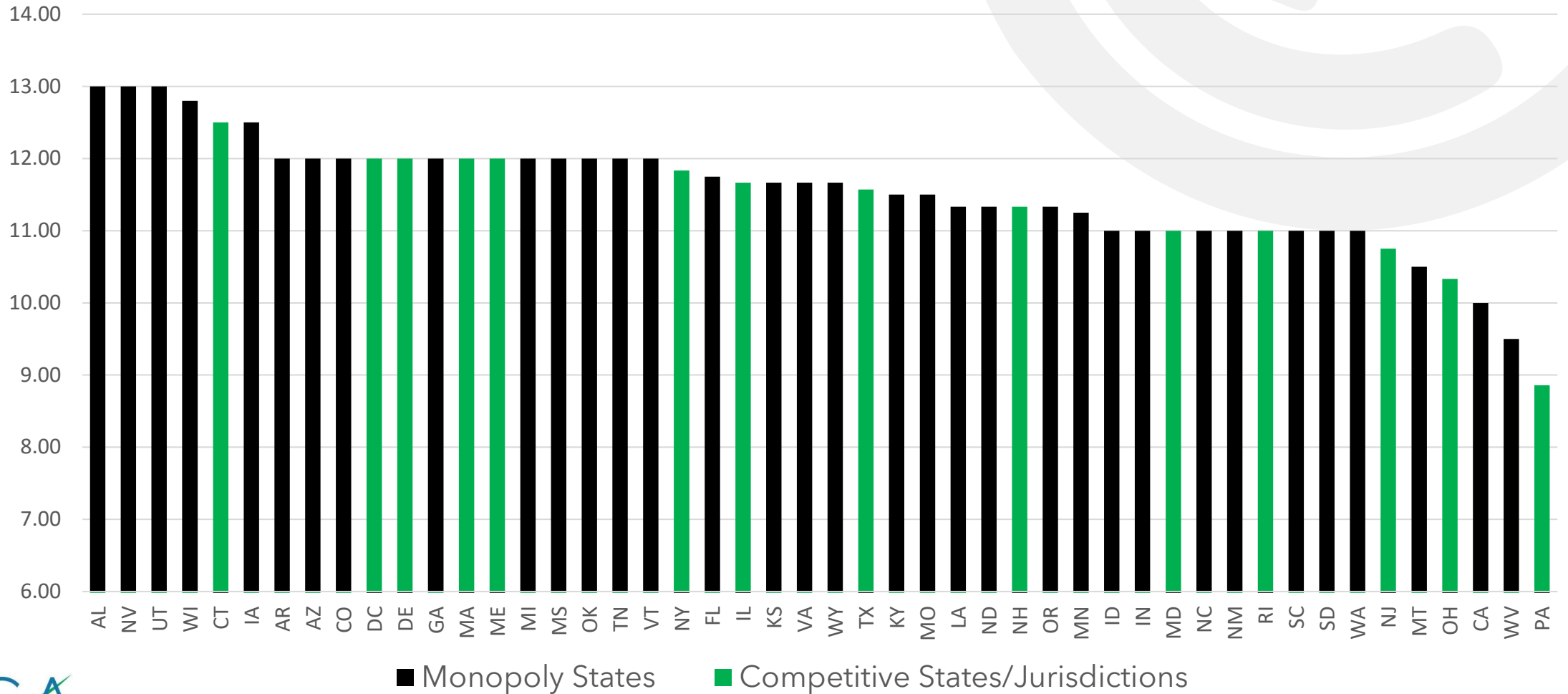


Figure 2: State Level Utility Credit Ratings (2011-2021)



Footnote 1: Utility Credit Ratings

It should be noted that the average credit rating of the utilities in PA, MD, NJ, OH, and WV were affected significantly by the relatively recent credit downgrades of 7 utility subsidiaries of FirstEnergy Corp. in these states. This was due in large part to the recent events surrounding FirstEnergy's activities designed to support legislation favorable to its nuclear plants in the region. It is worthwhile to note that if the credit rating previous to the downgrade was used instead, it would have raised the average numerical credit rating for competitive states/jurisdictions to 11.23 instead of 11.10. Meanwhile, using the FirstEnergy utility credit rating previous to the downgrade would have had a minor effect on the monopoly state average (11.51 instead of 11.50).

Footnote 2: Utility Credit Ratings

The utilities listed below are those that have had qualifying rate cases since 2011, but no credit rating was available for the utility. Consequently, a parent company credit rating was used instead:

Cheyenne Light, Fuel and Power Company
Gulf Power Company
Kingsport Power Company
Liberty Utilities (CalPeco Electric) LLC
Liberty Utilities (Granite State Electric) Corp.
Minnesota Power Enterprises, Inc.
Sharyland Utilities, L.L.C.
UNS Electric, Inc.
Western Massachusetts Electric Company

The utilities listed below are those that have had rate cases since 2011, but no credit rating was available for them nor a parent company. Consequently, these utilities were not included in the final data set:

Black Hills Colorado Electric, Inc.
El Paso Electric Company
El Paso Electric Company
Florida Public Utilities Company
UGI Utilities, Inc.
Upper Peninsula Power Company

The utilities listed below are those with rate cases since 2011 on file in multiple states. For these utilities, there is a credit rating data point for each state in which they had a rate case so as to include their credit rating in each state:

Appalachian Power Company
Avista Corporation
Delmarva Power & Light Company
Duke Energy Carolinas, LLC
Empire District Electric Company
Energymetro, Inc.
Idaho Power Company
Indiana Michigan Power Company
Interstate Power and Light Company
Kentucky Utilities Company
MDU Resources Group, Inc.
MidAmerican Energy Company
Northern States Power Company
NorthWestern Corporation
Oklahoma Gas and Electric Company
Otter Tail Power Company
PacifiCorp
Potomac Electric Power Company
Southwestern Electric Power Company
Virginia Electric and Power Company
Wisconsin Electric Power Company
Wisconsin Public Service Corporation

Footnote 3: Utility Credit Ratings

Utilities on this slide have not had an electric rate case where they requested a change in excess of \$5 million or the PUC authorized an increase in excess of \$3 million since 1/1/2011, consequently they were not included in the data set.

AEP Texas Central Company
AEP Texas North Company
ALLETE, Inc.
Alliant Energy Corporation
Ameren Corporation
American Electric Power Company, Inc.
Avangrid, Inc.
Berkshire Hathaway Energy Company
Black Hills Corporation
CenterPoint Energy, Inc.
CH Energy Group, Inc.
Chesapeake Utilities Corporation
Cinergy Corp.
Cleco Corporate Holdings LLC
Cleco Power LLC
CMS Energy Corporation
Consolidated Edison, Inc.
Consolidated Water Power Company
Dominion Energy, Inc.
DTE Energy Company

Duke Energy Corporation
Duke Energy Progress, LLC
Duquesne Light Holdings, Inc.
Edison International
Entergy Corporation
Entergy Mississippi, LLC
Eversource Energy
Evelyn Energy, Inc.
Eversource Energy
Exelon Corporation
FirstEnergy Corp.
GridLiance High Plains LLC
IDACORP, Inc.
Integrus Holding, Inc.
ITC Interconnection LLC
Lockhart Power Company
MGE Energy, Inc.
Mt. Carmel Public Utility Company
Nantucket Electric Co.
National Grid USA
NextEra Energy, Inc.
NiSource Inc.
North Central Power Co., Inc.
Northern New England Energy Corp.
Northwestern Wisconsin Electric Company
OGE Energy Corp.
Ohio Edison Company
Otter Tail Corporation
Pepco Holdings LLC
PG&E Corporation

Pike County Light and Power Company
Pinnacle West Capital Corporation
Pioneer Power and Light Company
PNM Resources, Inc.
PPL Corporation
Public Service Enterprise Group Incorporated
Puget Energy, Inc.
SCANA Corporation
Sempra Energy
Sempra Texas Holdings Corporation
Silver Run Electric, LLC
Superior Water, Light and Power Company
TECO Energy, Inc.
The AES Corporation
The Cleveland Electric Illuminating Company
The Southern Company
The Toledo Edison Company
Transource Maryland, LLC
Transource Pennsylvania, LLC
UGI Corporation
UIL Holdings Corporation
Unitil Corporation
UNS Energy Corporation
Upper Michigan Energy Resources Corporation
Vectren Corporation
WEC Energy Group, Inc.
Westar Energy (KPL)
Wheeling Power Company
Xcel Energy Inc.

Footnote 4: Utility Credit Ratings

Utilities on this slide have had a rate case since 2011, operate in a single state, and have a credit rating.

AEP Texas Inc.
AES Indiana
AES Ohio
Alabama Power Company
Ameren Illinois Company
Arizona Public Service Company
Atlantic City Electric Company
Baltimore Gas and Electric Company
Black Hills Power, Inc.
CenterPoint Energy Houston Electric, LLC
Central Hudson Gas & Electric Corporation
Central Maine Power Company
Commonwealth Edison Company
Consolidated Edison Company of New York, Inc.
Consumers Energy Company
Dominion Energy South Carolina, Inc.
DTE Electric Company
Duke Energy Florida, LLC
Duke Energy Indiana, LLC
Duke Energy Kentucky, Inc.
Duke Energy Ohio, Inc.
Duquesne Light Company

Entergy Arkansas, LLC
Entergy Louisiana, LLC
Entergy New Orleans, LLC
Entergy Texas, Inc.
Eversource Energy Kansas Central, Inc.
Eversource Energy Missouri West, Inc.
Fitchburg Gas and Electric Light Company
Florida Power & Light Company
Georgia Power Company
Green Mountain Power Corporation
Jersey Central Power & Light Company
Kentucky Power Company
Louisville Gas and Electric Company
Madison Gas and Electric Company
Massachusetts Electric Company
Metropolitan Edison Company
Mississippi Power Company
Monongahela Power Company
Narragansett Electric Company
Nevada Power Company
New York State Electric & Gas Corporation
Niagara Mohawk Power Corporation
Northern Indiana Public Service Company
NSTAR Electric Company
Ohio Power Company
Oncor Electric Delivery Company LLC
Orange and Rockland Utilities, Inc.
Pacific Gas and Electric Company
PECO Energy Company
Pennsylvania Electric Company

Pennsylvania Power Company
Portland General Electric Company
PPL Electric Utilities Corporation
Public Service Company of Colorado
Public Service Company of New Hampshire
Public Service Company of New Mexico
Public Service Company of Oklahoma
Public Service Electric and Gas Company
Puget Sound Energy, Inc.
Rochester Gas and Electric Co
Rockland Electric Company
San Diego Gas & Electric Company
Sierra Pacific Power Company
Southern California Edison Company
Southern Indiana Gas and Electric Company
Southwestern Public Service Company
Tampa Electric Company
Texas-New Mexico Power Company
The Connecticut Light and Power Company
The Potomac Edison Company
The United Illuminating Company
Tucson Electric Power Company
Union Electric Company
Unitil Energy Systems, Inc.
Versant Power
West Penn Power Company
Wisconsin Power and Light Company

Footnote 5: Utility Credit Ratings

S&P Rating	Numerical Rating
AAA	18
AA+	17
AA	16
AA-	15
A+	14
A	13
A-	12
BBB+	11
BBB	10
BBB-	9
BB+	8
BB	7
BB-	6
B	5
CCC	4
CC	3
C	2
D	1

Utility Authorized ROE: Methodology

- A. A query was run on S&P Global Capital IQ Pro's Past Rate Case research tool to get a list of all the electric utility rate cases since 1/1/2011. It should be noted S&P Global CIQ Pro only tracks cases where a change of the rate base in excess of \$5 million was requested and/or a change of \$3 million was approved.
- B. The data set was narrowed to only include the most recent rate case for each utility. However, if the most recent rate case decision did not have the Authorized ROE publicly disclosed, (which happens frequently if the case is settled and not litigated), the most recent case that had an Authorized ROE available was used.
- C. From this point, the average ROE authorized by each type of state/jurisdiction and group were calculated.

Figure 3: Utility Authorized ROE

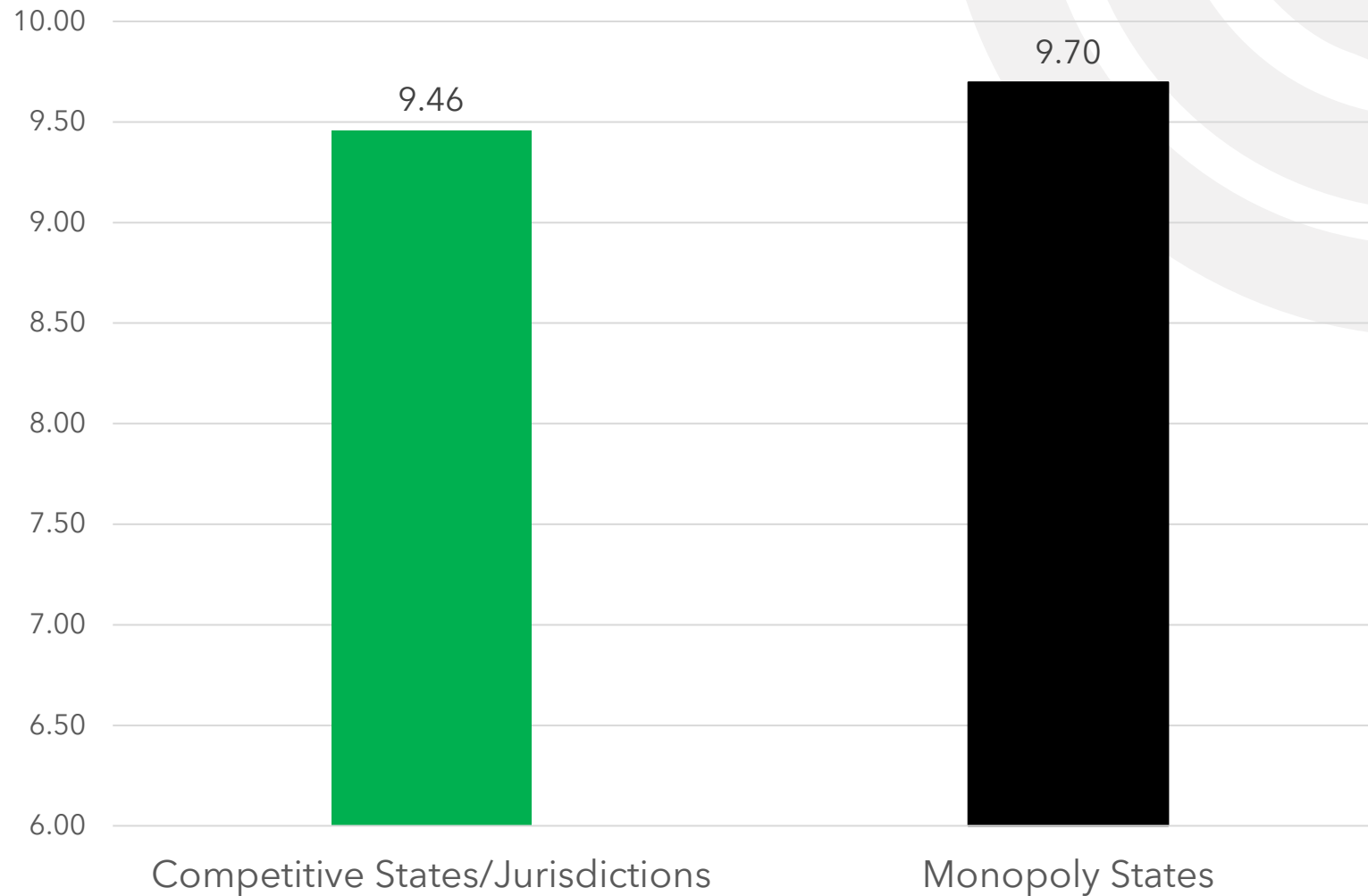
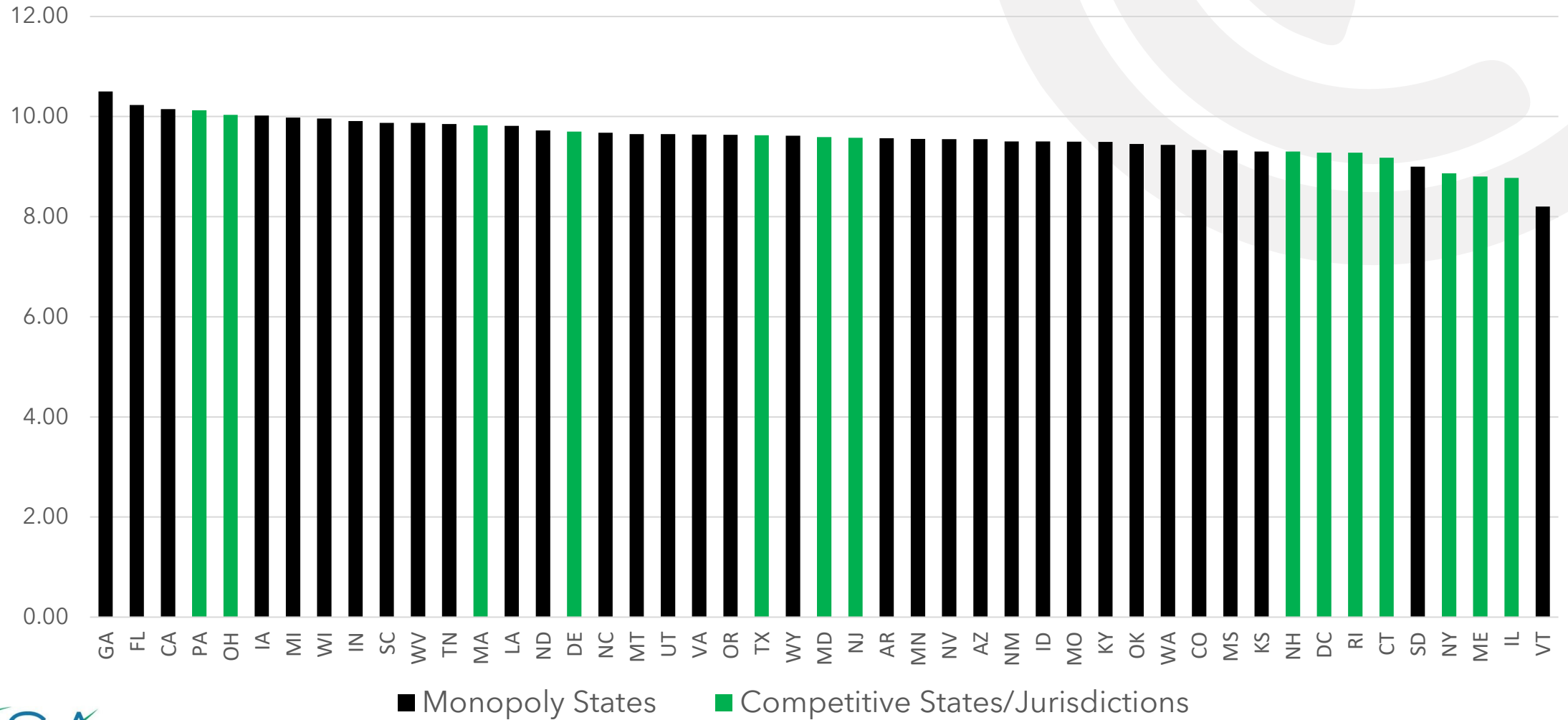


Figure 4: Utility Authorized ROE



Footnote 6: Utility Authorized ROE

Certain factors may impact the ROE ultimately authorized. For example, if the utility is an electric distribution company with no regulated generation assets, the commission may consider this to be a lower-risk entity and authorize a slightly lower ROE than it would for a fully integrated electric company. In addition, commissions may authorize a slightly lower ROE for companies that utilize several adjustment clauses that allow for timely recognition of changes in certain expenses outside of a general rate case. Over the years, there have also been ROE authorizations that reflected incentive awards for superior management performance or less-than-stellar service quality.

From "The Rate Case Process: A Conduit To Enlightenment" published by S&P Global Capital IQ Pro RRA Regulatory Focus

Footnote 7: Utility Authorized ROE

For the utilities below, the most recent case does not have a value for ROE authorized. A previous rate case has a value for ROE which was used instead.

AES Indiana: IN
Appalachian Power Company: WV
Cross Texas Transmission, LLC: TX
Dominion Energy South Carolina, Inc.: SC
Electric Transmission Texas, LLC: TX
Empire District Electric Company: MO
Entergy Arkansas, LLC: AR
Entergy Texas, Inc.: TX
Entergy Texas, Inc.: TX
Eversource Energy: MO
Eversource Energy: MO
Idaho Power Company: OR
Kentucky Utilities Company: VA
Lone Star Transmission, LLC: TX
Massachusetts Electric Company: MA
Minnesota Power Enterprises, Inc.: MN
Mississippi Power Company: MS
Monongahela Power Company: WV
Northern Indiana Public Service Company: IN
Northern States Power Company: MN
Northern States Power Company: SD

NSTAR Electric Company: MA
Oklahoma Gas and Electric Company: AR
Oklahoma Gas and Electric Company: OK
Pacific Gas and Electric Company: CA
PPL Electric Utilities Corporation: PA
Southern California Edison Company: CA
Southern Indiana Gas and Electric Company: IN
Union Electric Company: MO
Versant Power: ME
Wind Energy Transmission Texas, LLC: TX

Footnote 8: Utility Authorized ROE

For the utilities below, a rate case with the authorized ROE was not available in the time period (since 1/1/2011).

Black Hills Power, Inc.: SD
Duquesne Light Company: PA
Empire District Electric Company: KS
MDU Resources Group, Inc.: MT
Metropolitan Edison Company: PA
MidAmerican Energy Company: IA
NorthWestern Corporation: SD
PacifiCorp: ID
PECO Energy Company: PA
Pennsylvania Electric Company: PA
Pennsylvania Power Company: PA
Sharyland Utilities, L.L.C.: TX
West Penn Power Company: PA

Footnote 9: Utility Authorized ROE

For the utilities on this slide, the ROE Authorized was available in the most recent rate case and used.

AEP Texas Inc.: TX
AES Ohio: OH
Ameren Illinois Company: IL
Appalachian Power Company: VA
Arizona Public Service Company: AZ
Atlantic City Electric Company: NJ
Avista Corporation: ID
Avista Corporation: WA
Baltimore Gas and Electric Company: MD
Black Hills Colorado Electric, Inc.: CO
CenterPoint Energy Houston Electric, LLC: TX
Central Hudson Gas & Electric Corporation: NY
Central Maine Power Company: ME
Cheyenne Light, Fuel and Power Company: WY
Columbus Southern Power Company: OH
Commonwealth Edison Company: IL
Consolidated Edison Company of New York, Inc.: NY
Consumers Energy Company: MI
Delmarva Power & Light Company: DE
Delmarva Power & Light Company: MD
DTE Electric Company: MI
Duke Energy Carolinas, LLC: NC
Duke Energy Carolinas, LLC: SC
Duke Energy Florida, LLC: FL
Duke Energy Indiana, LLC: IN
Duke Energy Kentucky, Inc.: KY
Duke Energy Ohio, Inc.: OH
El Paso Electric Company: NM
El Paso Electric Company: TX
Entergy Gulf States Louisiana, L.L.C.: LA
Entergy Louisiana, LLC: LA
Entergy Mississippi, LLC: MS

Entergy New Orleans, LLC: LA
Evergy Kansas Cengral, Inc: KS
Evergy Metro, Inc.: KS
Fitchburg Gas and Electric Light Company: MA
Florida Power & Light Company: FL
Florida Public Utilities Company: FL
Georgia Power Company: GA
Green Mountain Power Corporation: VT
Gulf Power Company: FL
Idaho Power Company: ID
Indiana Michigan Power Company: IN
Indiana Michigan Power Company: MI
Interstate Power and Light Company: IA
Interstate Power and Light Company: MN
Jersey Central Power & Light Company: NJ
Kentucky Power Company: KY
Kentucky Utilities Company: KY
Kingsport Power Company: TN
Liberty Utilities (CalPeco Electric) LLC: CA
Liberty Utilities (Granite State Electric) Corp.: NH
Louisville Gas and Electric Company: KY
Madison Gas and Electric Company: WI
MDU Resources Group, Inc.: ND
MDU Resources Group, Inc.: WY
MidAmerican Energy Company: IL
Narragansett Electric Company: RI
Nevada Power Company: NV
New York State Electric & Gas Corporation: NY
Niagara Mohawk Power Corporation: NY
Northern States Power Company: ND
Northern States Power Company: WI
NorthWestern Corporation: MT
Ohio Power Company: OH
Oncor Electric Delivery Company LLC: TX
Orange and Rockland Utilities, Inc.: NY
Otter Tail Power Company: MN
Otter Tail Power Company: ND
Otter Tail Power Company: SD
PacifiCorp: CA

PacifiCorp: OR
PacifiCorp: UT
PacifiCorp: WA
PacifiCorp: WY
Portland General Electric Company: OR
Potomac Electric Power Company: DC
Potomac Electric Power Company: MD
Public Service Company of Colorado: CO
Public Service Company of New Hampshire: NH
Public Service Company of New Mexico: NM
Public Service Company of Oklahoma: OK
Public Service Electric and Gas Company: NJ
Puget Sound Energy, Inc.: WA
Rochester Gas and Electric Co: NY
Rockland Electric Company: NJ
San Diego Gas & Electric Company: CA
Sierra Pacific Power Company: NV
Southwestern Electric Power Company: AR
Southwestern Electric Power Company: LA
Southwestern Electric Power Company: TX
Southwestern Public Service Company: NM
Tampa Electric Company: FL
Texas-New Mexico Power Company: TX
The Connecticut Light and Power Company: CT
The Potomac Edison Company: MD
The United Illuminating Company: CT
Tucson Electric Power Company: AZ
UGI Utilities, Inc.: PA
Unitil Energy Systems, Inc.: NH
UNS Electric, Inc.: AZ
Upper Peninsula Power Company: MI
Virginia Electric and Power Company: NC
Virginia Electric and Power Company: VA
Western Massachusetts Electric Company: MA
Wisconsin Electric Power Company: MI
Wisconsin Electric Power Company: WI
Wisconsin Power and Light Company: WI
Wisconsin Public Service Corporation: MI
Wisconsin Public Service Corporation: WI