

# CAPITAL STRUCTURE ANALYSIS

## COMMON EQUITY RATIO - WEIGHTED SUBSIDIARY OPERATING COMPANIES [1]

Electric Proxy Group Company	Ticker	2017Q3	2017Q2	2017Q1	2016Q4	Average
ALLETE, Inc.	ALE	59.79%	59.22%	58.78%	57.01%	58.70%
Alliant Energy Corporation	LNT	53.19%	52.36%	51.98%	51.88%	52.35%
Ameren Corporation	AEE	53.84%	53.40%	53.07%	52.99%	53.33%
American Electric Power Company, Inc.	AEP	48.36%	48.96%	49.52%	48.29%	48.78%
Duke Energy Corporation	DUK	53.02%	53.20%	52.92%	53.10%	53.06%
El Paso Electric Company	EE	49.81%	48.01%	47.48%	47.73%	48.25%
Hawaiian Electric Industries, Inc.	HE	64.26%	64.26%	64.26%	64.26%	64.26%
IDACORP, Inc.	IDA	54.22%	53.48%	53.22%	53.15%	53.52%
NextEra Energy, Inc.	NEE	63.00%	62.78%	62.05%	62.65%	62.62%
OGE Energy Corp.	OGE	53.05%	52.75%	53.46%	56.09%	53.84%
Pinnacle West Capital Corporation	PNW	53.05%	53.32%	53.20%	54.59%	53.54%
PNM Resources, Inc.	PNM	50.31%	49.85%	49.49%	49.23%	49.72%
Portland General Electric Company	POR	50.17%	50.32%	50.28%	49.82%	50.15%
PPL Corporation	PPL	54.75%	57.21%	57.56%	57.40%	56.73%
Southern Company	SO	50.53%	50.57%	50.50%	51.01%	50.65%
Xcel Energy Inc.	XEL	53.76%	54.01%	54.75%	54.22%	54.18%
MEAN		54.07%	53.98%	53.91%	53.96%	53.98%
MEDIAN		53.12%	53.26%	53.14%	53.13%	53.42%
LOW		48.36%	48.01%	47.48%	47.73%	48.25%
HIGH		64.26%	64.26%	64.26%	64.26%	64.26%

## COMMON EQUITY RATIO - UTILITY OPERATING COMPANIES [2]

Company Name	Ticker	2017Q3	2017Q2	2017Q1	2016Q4	Average
ALLETE (Minnesota Power)	ALE	59.73%	59.16%	58.71%	56.92%	58.63%
Superior Water, Light and Power Company	ALE	62.33%	62.08%	61.85%	61.12%	61.85%
Interstate Power and Light Company	LNT	53.76%	52.93%	52.36%	52.36%	52.85%
Wisconsin Power and Light Company	LNT	52.39%	51.56%	51.45%	51.22%	51.65%
Ameren Illinois Company	AEE	55.46%	55.03%	54.59%	53.95%	54.76%
Union Electric Company	AEE	52.64%	52.19%	51.96%	52.30%	52.27%
AEP Texas Central Company	AEP	NA	NA	NA	46.01%	46.01%
AEP Texas North Company	AEP	NA	NA	NA	43.29%	43.29%
AEP Texas, Inc.	AEP	42.81%	49.46%	48.82%	NA	47.03%
Appalachian Power Company	AEP	48.30%	47.85%	48.17%	46.89%	47.80%
Indiana Michigan Power Company	AEP	46.65%	46.27%	49.54%	49.11%	47.89%
Kentucky Power Company	AEP	43.22%	43.30%	43.57%	43.45%	43.39%
Kingsport Power Company	AEP	45.88%	50.58%	48.98%	65.24%	52.67%
Ohio Power Company	AEP	57.64%	56.72%	56.75%	56.51%	56.91%
Public Service Company of Oklahoma	AEP	48.85%	48.26%	48.20%	48.47%	48.44%
Southwestern Electric Power Company	AEP	48.66%	48.14%	48.33%	45.95%	47.77%
Wheeling Power Company	AEP	54.13%	54.10%	54.10%	54.12%	54.11%
Duke Energy Carolinas, LLC	DUK	53.98%	53.49%	53.32%	52.81%	53.40%
Duke Energy Florida, LLC	DUK	49.46%	47.74%	46.95%	50.83%	48.74%
Duke Energy Indiana, LLC	DUK	51.71%	51.89%	52.15%	51.59%	51.83%
Duke Energy Kentucky, Inc.	DUK	50.69%	55.74%	55.43%	54.74%	54.15%
Duke Energy Ohio, Inc.	DUK	65.79%	65.38%	65.36%	66.39%	65.73%
Duke Energy Progress, LLC	DUK	51.06%	53.51%	52.99%	51.58%	52.29%
El Paso Electric Company	EE	49.81%	48.01%	47.48%	47.73%	48.25%
Hawaii Electric Light Company, Inc. [3]	HE	58.11%	58.11%	58.11%	58.11%	58.11%
Hawaiian Electric Company, Inc. [3]	HE	66.44%	66.44%	66.44%	66.44%	66.44%
Maui Electric Company, Limited [3]	HE	58.07%	58.07%	58.07%	58.07%	58.07%
Idaho Power Co.	IDA	54.22%	53.48%	53.22%	53.15%	53.52%
Florida Power & Light Company	NEE	63.00%	62.78%	62.05%	62.65%	62.62%
Oklahoma Gas and Electric Company	OGE	53.05%	52.75%	53.46%	56.09%	53.84%
Arizona Public Service Company	PNW	53.05%	53.32%	53.20%	54.59%	53.54%
Public Service Company of New Mexico	PNM	47.77%	47.09%	46.58%	46.22%	46.91%
Texas-New Mexico Power Company [3]	PNM	58.27%	58.27%	58.27%	58.27%	58.27%
Portland General Electric Company	POR	50.17%	50.32%	50.28%	49.82%	50.15%
Kentucky Utilities Company	PPL	53.93%	58.73%	58.62%	58.67%	57.49%
Louisville Gas and Electric Company	PPL	56.29%	60.06%	60.00%	60.33%	59.17%
PPL Electric Utilities Corporation	PPL	54.54%	54.43%	55.05%	54.32%	54.58%
Alabama Power Company	SO	49.81%	48.29%	48.05%	48.07%	48.56%
Georgia Power Company	SO	50.90%	52.12%	50.93%	52.22%	51.54%
Gulf Power Company	SO	54.97%	54.41%	61.01%	58.68%	57.27%
Mississippi Power Company	SO	47.75%	47.20%	49.78%	49.90%	48.66%
Northern States Power Company - MN	XEL	52.22%	52.78%	52.62%	52.31%	52.48%
Northern States Power Company - WI	XEL	55.57%	55.22%	55.66%	54.93%	55.34%
Public Service Company of Colorado	XEL	55.64%	54.88%	57.00%	56.32%	55.96%
Southwestern Public Service Company	XEL	52.29%	54.61%	54.48%	53.93%	53.83%

### Notes:

[1] Common Equity and LT Debt ratios of subsidiary operating companies are weighted based on % of total capitalization at book value

[2] Source: FERC quarterly data reported by SNL; Electric operating subsidiaries with data listed as N/A have been excluded from the analysis

[3] Quarterly data not available; year-end 2016 ratios are used here for all four quarters

[4] NA Data was not available through SNL

CAPITAL STRUCTURE ANALYSIS

COMMON EQUITY RATIO - WEIGHTED SUBSIDIARY OPERATING COMPANIES [1]

Electric Proxy Group Company	Ticker	2017Q3	2017Q2	2017Q1	2016Q4	Average
ALLETE, Inc.	ALE	40.21%	40.78%	41.22%	42.99%	41.30%
Alliant Energy Corporation	LNT	46.81%	47.64%	48.02%	48.12%	47.65%
Ameren Corporation	AEE	46.16%	46.60%	46.93%	47.01%	46.67%
American Electric Power Company, Inc.	AEP	51.64%	51.04%	50.48%	51.71%	51.22%
Duke Energy Corporation	DUK	46.98%	46.80%	47.08%	46.90%	46.94%
El Paso Electric Company	EE	50.19%	51.99%	52.52%	52.27%	51.75%
Hawaiian Electric Industries, Inc.	HE	30.60%	30.60%	30.60%	30.60%	30.60%
IDACORP, Inc.	IDA	45.78%	46.52%	46.78%	46.85%	46.48%
NextEra Energy, Inc.	NEE	37.00%	37.22%	37.95%	37.35%	37.38%
OGE Energy Corp.	OGE	46.95%	47.25%	46.54%	43.91%	46.16%
Pinnacle West Capital Corporation	PNW	46.95%	46.68%	46.80%	45.41%	46.46%
PNM Resources, Inc.	PNM	49.69%	50.15%	50.51%	50.77%	50.28%
Portland General Electric Company	POR	49.83%	49.68%	49.72%	50.18%	49.85%
PPL Corporation	PPL	45.25%	42.79%	42.44%	42.60%	43.27%
Southern Company	SO	49.47%	49.43%	49.50%	48.99%	49.35%
Xcel Energy Inc.	XEL	46.24%	45.99%	45.25%	45.78%	45.82%
MEAN		45.61%	45.70%	45.77%	45.71%	45.70%
MEDIAN		46.88%	46.74%	46.86%	46.87%	46.58%
LOW		30.60%	30.60%	30.60%	30.60%	30.60%
HIGH		51.64%	51.99%	52.52%	52.27%	51.75%

COMMON EQUITY RATIO - UTILITY OPERATING COMPANIES [2]

Company Name	Ticker	2017Q3	2017Q2	2017Q1	2016Q4	Average
ALLETE (Minnesota Power)	ALE	40.27%	40.84%	41.29%	43.08%	41.37%
Superior Water, Light and Power Company	ALE	37.67%	37.92%	38.15%	38.88%	38.15%
Interstate Power and Light Company	LNT	46.24%	47.07%	47.64%	47.64%	47.15%
Wisconsin Power and Light Company	LNT	47.61%	48.44%	48.55%	48.78%	48.35%
Ameren Illinois Company	AEE	44.54%	44.97%	45.41%	46.05%	45.24%
Union Electric Company	AEE	47.36%	47.81%	48.04%	47.70%	47.73%
AEP Texas Central Company	AEP	NA	NA	NA	53.99%	53.99%
AEP Texas North Company	AEP	NA	NA	NA	56.71%	56.71%
AEP Texas, Inc.	AEP	57.19%	50.54%	51.18%	NA	52.97%
Appalachian Power Company	AEP	51.70%	52.15%	51.83%	53.11%	52.20%
Indiana Michigan Power Company	AEP	53.35%	53.73%	50.46%	50.89%	52.11%
Kentucky Power Company	AEP	56.78%	56.70%	56.43%	56.55%	56.61%
Kingsport Power Company	AEP	54.12%	49.42%	51.02%	34.76%	47.33%
Ohio Power Company	AEP	42.36%	43.28%	43.25%	43.49%	43.09%
Public Service Company of Oklahoma	AEP	51.15%	51.74%	51.80%	51.53%	51.56%
Southwestern Electric Power Company	AEP	51.34%	51.86%	51.67%	54.05%	52.23%
Wheeling Power Company	AEP	45.87%	45.90%	45.90%	45.88%	45.89%
Duke Energy Carolinas, LLC	DUK	46.02%	46.51%	46.68%	47.19%	46.60%
Duke Energy Florida, LLC	DUK	50.54%	52.26%	53.05%	49.17%	51.26%
Duke Energy Indiana, LLC	DUK	48.29%	48.11%	47.85%	48.41%	48.17%
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Portland General Electric Company	POR	49.83%	49.68%	49.72%	50.18%	49.85%
Kentucky Utilities Company	PPL	46.07%	41.27%	41.38%	41.33%	42.51%
Louisville Gas and Electric Company	PPL	43.71%	39.94%	40.00%	39.67%	40.83%
PPL Electric Utilities Corporation	PPL	45.46%	45.57%	44.95%	45.68%	45.42%
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Northern States Power Company - WI	XEL	44.43%	44.78%	44.34%	45.07%	44.66%
Public Service Company of Colorado	XEL	44.36%	45.12%	43.00%	43.68%	44.04%
Southwestern Public Service Company	XEL	47.71%	45.39%	45.52%	46.07%	46.17%

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