

Public Service Company of Colorado  
Credit Metrics

Projected Credit Metrics 2017 - 2022 Public Service Company of Colorado Forecast					
Actual 2016	2017	2018	2019	2020	2021

**At 56% regulated equity ratio**

**Adjusted Ratios : S&P Methodology**

FFO / Debt	21.9%	21.9%	23.7%	23.4%	21.8%	21.4%
FFO / Interest	6.0x	6.3x	6.8x	6.7x	6.1x	6.0x
Debt / EBITDA	3.7x	3.8x	3.8x	3.7x	3.5x	3.5x
Debt / Total Capitalization*	49.4%	49.3%	49.8%	49.4%	48.4%	49.0%
Equity/Capitalization	50.6%	50.7%	50.2%	50.6%	51.6%	51.0%

\*historic guideline, standard matrix

**Recommended ranges**

**for Single A (medial volatility)**

13-23  
3 - 5  
3.5 - 4.5  
45 - 50  
50 - 55

**Adjusted Ratios : Moody's Methodology**

CFO pre-WC + Interest / Interest	7.0x	7.6x	8.2x	7.3x	6.8x	6.6x
CFO pre-WC / Debt	23.6%	23.7%	24.4%	23.5%	22.5%	
CFO pre-WC - Dividends / Debt		17.0%	17.7%			

**for Single A**

**BBB**

4.5 - 6  
30 - %  
25 - 17%

**At 55% regulated equity ratio**

**Adjusted Ratios : S&P Methodology**

FFO / Debt	21.9%	21.9%	23.4%	23.1%	21.4%	21.1%
FFO / Interest	6.0x	6.3x	6.7x	6.6x	6.0x	5.9x
Debt / EBITDA	3.7x	3.8x	3.9x	3.7x	3.5x	3.6x
Debt / Total Capitalization*	49.4%	49.4%		50.0%	49.0%	49.6%
Equity/Capitalization	50.6%	50.6%		50.0%	51.0%	50.4%

\*historic guideline, standard matrix

**Recommended ranges**

**for Single A (medial volatility)**

13-23  
3 - 5  
3.5 - 4.5  
45 - 50  
50 - 55

**Adjusted Ratios : Moody's Methodology**

CFO pre-WC + Interest / Interest	7.0x	7.6x	8.0x	7.2x	6.7x	6.4x
CFO pre-WC / Debt	23.6%	23.7%	24.0%	23.0%		
CFO pre-WC - Dividends / Debt		17.0%	17.4%			

**for Single A**

**BBB**

4.5 - 6  
30 - %  
25 - 17%

**At 54% regulated equity ratio**

**Adjusted Ratios : S&P Methodology**

FFO / Debt	21.9%	21.9%	22.8%	22.4%	20.7%	20.4%
FFO / Interest	6.0x	6.3x	6.6x	6.4x	5.9x	5.7x
Debt / EBITDA	3.7x	3.8x	4.0x	3.8x	3.7x	3.7x
Debt / Total Capitalization*	49.4%	49.4%				
Equity/Capitalization	50.6%	50.6%				

\*historic guideline, standard matrix

**Recommended ranges**

**for Single A (medial volatility)**

13-23  
3 - 5  
3.5 - 4.5  
45 - 50  
50 - 55

**Adjusted Ratios : Moody's Methodology**

CFO pre-WC + Interest / Interest	7.0x	7.6x	7.8x	6.9x	6.4x	6.2x
CFO pre-WC / Debt	23.6%	23.7%	23.4%	22.2%		
CFO pre-WC - Dividends / Debt		17.0%				

**for Single A**

**BBB**

4.5 - 6  
30 - %  
25 - 17%