

**Exhibit No. DCP-16  
Dockets UE-160228/UG-160229  
Witness: David C. Parcell**

**BEFORE THE WASHINGTON  
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**AVISTA CORPORATION d/b/a  
AVISTA UTILITIES,**

**Respondent.**

**DOCKETS UE-160228 and  
UG-160229 (*Consolidated*)**

**EXHIBIT TO  
TESTIMONY OF**

**DAVID C. PARCELL**

**ON BEHALF OF STAFF OF  
WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION**

***Risk Indicators of Electric Utilities by Sizes***

**August 17, 2016**

**ELECTRIC UTILITY COMPANIES RANKED BY SIZE  
RISK INDICATORS**

| COMPANY                               | CAP<br>(\$000)<br>Value Line | SAFETY | BETA | FIN<br>STR | S&P                     | S&P                   | MOODY'S               |
|---------------------------------------|------------------------------|--------|------|------------|-------------------------|-----------------------|-----------------------|
|                                       |                              |        |      |            | STOCK<br>RANKING<br>S&P | BOND<br>RATING<br>AUS | BOND<br>RATING<br>AUS |
| Otter Tail Corp                       | \$1,200,000                  | 3      | 0.80 | B++        | B                       | BBB-                  | Baa2                  |
| Empire District Electric Company      | \$1,500,000                  | 2      | 0.70 | B++        | B+                      | A-                    | Baa1                  |
| El Paso Electric Co.                  | \$1,800,000                  | 2      | 0.75 | B++        | B                       | BBB                   | Baa1                  |
| MGE Energy Inc.                       | \$1,800,000                  | 1      | 0.70 | A          | A-                      | AA-                   | Aa2                   |
| Under \$2 Billion                     |                              | 2.0    | 0.74 | B++        | B+                      | BBB+/A-               | A3                    |
| Avista Corp.                          | \$2,500,000                  | 2      | 0.75 | A          | A-                      | A-                    | Baa1                  |
| PNM Resources                         | \$2,600,000                  | 3      | 0.80 | B          | B                       | BBB                   | Baa2                  |
| ALLETE                                | \$2,900,000                  | 2      | 0.75 | A          | A-                      | A-                    | A3                    |
| NorthWestern                          | \$2,900,000                  | 3      | 0.70 | B+         | A+                      | NR                    | A3                    |
| Black Hills Corp.                     | \$3,000,000                  | 2      | 0.90 | A          | B                       | BBB                   | A3/Baa1               |
| Hawaiian Electric Industries, Inc.    | \$3,500,000                  | 2      | 0.75 | A          | B+                      | BBB-                  | Baa2                  |
| Portland General                      | \$3,500,000                  | 2      | 0.80 | B++        | NR                      | A-                    | A3                    |
| IDACORP                               | \$3,700,000                  | 2      | 0.80 | A          | A                       | A-                    | A3                    |
| Vectren                               | \$4,200,000                  | 2      | 0.75 | A          | B+                      | A/A-                  | A2                    |
| Great Plains Energy Inc.              | \$4,500,000                  | 3      | 0.80 | B+         | B                       | BBB                   | Baa2                  |
| \$2 Billion to \$5 Billion            |                              | 2.3    | 0.78 | B++        | B+/A-                   | BBB+                  | Baa-/A3               |
| OGE Energy Corp.                      | \$6,200,000                  | 2      | 0.95 | A          | A-                      | BBB+                  | A3                    |
| TECO Energy, Inc.                     | \$6,500,000                  | 2      | 0.80 | B++        | B                       | BBB+/BBB              | A3                    |
| ITC Holdings Corp.                    | \$6,900,000                  | 2      | 0.70 | B++        | A+                      |                       |                       |
| Westar Energy, Inc.                   | \$7,900,000                  | 2      | 0.75 | B++        | A-                      | A-                    | A3/Baa1               |
| Pinnacle West Capital Corp.           | \$8,300,000                  | 1      | 0.75 | A+         | B+                      | BBB                   | A3/Baa1               |
| Alliant Energy                        | \$8,700,000                  | 2      | 0.75 | A          | B+                      | A-                    | A2/A3                 |
| \$5 Billion to \$10 Billion           |                              | 1.8    | 0.78 | B++/A      | B+/A-                   | BBB+                  | A3                    |
| CenterPoint Energy, Inc.              | \$10,000,000                 | 3      | 0.85 | B+         | B                       | A-/BBB+               | A3/Baa1               |
| SCANA Corp.                           | \$10,000,000                 | 2      | 0.70 | B++        | A                       | BBB+                  | Baa1/Baa2             |
| Ameren Corp.                          | \$12,000,000                 | 2      | 0.75 | A          | B                       | BBB+/BBB              | Baa1                  |
| CMS Energy Corp.                      | \$12,000,000                 | 2      | 0.70 | B++        | B                       | BBB+/BBB              | A3/Baa1               |
| Entergy Corp.                         | \$14,000,000                 | 3      | 0.70 | B++        | A-                      | BBB+/BBB              | Baa2/Baa3             |
| FirstEnergy Corp.                     | \$14,000,000                 | 3      | 0.70 | B+         | B                       | BBB                   | Baa2                  |
| DTE Energy Company                    | \$17,000,000                 | 2      | 0.70 | B++        | A-                      | A-/BBB+               | A2/A3                 |
| Eversource Energy                     | \$18,000,000                 | 1      | 0.75 | A          | A-                      | A-                    | A3/Baa1               |
| WEC Energy Group                      | \$19,000,000                 | 1      | 0.65 | A+         | A                       | A-/BBB+               | A1/A2                 |
| \$10 Billion to \$20 Billion          |                              | 2.1    | 0.72 | B++        | B+/A-                   | BBB+                  | Baa1/A3               |
| Xcel Energy Inc.                      | \$21,000,000                 | 1      | 0.65 | A+         | A-                      | A-                    | A3                    |
| Consolidated Edison, Inc.             | \$22,000,000                 | 1      | 0.55 | A+         | B+                      | A-/BBB+               | A3                    |
| Edison International                  | \$23,000,000                 | 2      | 0.70 | A          | B                       | BBB+                  | A2/A3                 |
| Public Service Enterprise Group, Inc. | \$23,000,000                 | 1      | 0.75 | A++        | B+                      | A-/BBB+               | A2                    |
| PPL Corp                              | \$26,000,000                 | 2      | 0.70 | B++        | B+                      | A-                    | Baa1/Baa2             |
| Sempra Energy                         | \$26,000,000                 | 3      | 0.85 | B++        | B+                      | A/A-                  | A2/A3                 |
| PG&E Corp.                            | \$29,000,000                 | 3      | 0.70 | B+         | B                       | BBB/BBB-              | A3/Baa1               |
| American Electric Power Company       | \$32,000,000                 | 2      | 0.70 | A          | A-                      | BBB/BBB-              | Baa1                  |
| Exelon Corp.                          | \$32,000,000                 | 3      | 0.65 | B++        | B                       | BBB+/BBB              | Baa1                  |
| Dominion Resources                    | \$43,000,000                 | 2      | 0.70 | B++        | B                       | A-                    | A3/Baa1               |
| Southern Company                      | \$46,000,000                 | 2      | 0.55 | A          | A-                      | A                     | A3/Baa1               |
| Duke Energy Corp.                     | \$55,000,000                 | 2      | 0.60 | A          | B                       | BBB+                  | A3                    |
| NextEra Energy, Inc.                  | \$55,000,000                 | 2      | 0.70 | A          | A                       | A-/BBB+               | A2/A3                 |
| \$20 Billion or Over                  |                              | 2.0    | 0.68 | A          | B+                      | BBB+/A-               | A3                    |