

**BEFORE THE WASHINGTON  
UTILITIES & TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION,

Complainant,

v.

PUGET SOUND ENERGY

Respondent.

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DOCKET NOS. UE-190529 and UG-190530 (*Consolidated*)

**J. RANDALL WOOLRIDGE ON BEHALF OF PUBLIC COUNSEL UNIT**

**EXHIBIT JRW-4**

Summary Financial Statistics for Proxy Group

November 22, 2019

Exhibit JRW-4  
 Puget Sound Energy  
 Summary Financial Statistics for Proxy Group

Panel A  
 Electric Proxy Group

Company	Operating Revenue (\$mil)	Reg Elec Revenue	Percent Reg Gas Revenue	Net Plant (\$mil)	Market Cap (\$mil)	S&P Issuer Credit Rating	Moody's Long Term Rating	Interest Coverage	Primary Service Area	Common Equity Ratio	Return on Equity	to Book Ratio
ALLETE, Inc. (NYSE-ALE)	\$1,498.6	71%	0%	\$3,904.4	\$3,993.8	BBB+	Baa1	3.34	MN, WI	59.2%	8.2%	1.85
Alliant Energy Corporation (NYSE-LNT)	\$3,534.5	85%	13%	\$12,462.4	\$10,172.3	A-	Baa1	3.31	WI, IA, IL, MN	44.6%	11.4%	2.13
Ameren Corporation (NYSE-AEE)	\$6,291.0	85%	15%	\$22,810.0	\$16,366.8	BBB+	Baa1	3.64	IL, MO	46.2%	10.9%	2.11
American Electric Power Co. (NYSE-AEP)	\$16,195.7	88%	0%	\$55,099.1	\$37,379.9	A-	Baa1	2.99	10 States	42.7%	10.3%	1.96
AVANGRID, Inc. (NYSE-AGR)	\$6,291.0	56%	23%	\$22,810.0	\$16,366.8	BBB+	Baa1	3.53	NY, CT, ME	70.8%	3.9%	1.06
Avista Corp (NYSE-AVA)	\$1,396.9	64%	22%	\$4,648.9	\$2,881.1	BBB	Baa2	2.61	WA, OR, AK, ID	45.7%	7.8%	1.62
CMS Energy Corporation (NYSE-CMS)	\$6,873.0	66%	28%	\$18,126.0	\$13,966.2	BBB+	Baa1	2.67	MI	28.9%	14.2%	2.91
Consolidated Edison, Inc. (NYSE-ED)	\$12,337.0	70%	19%	\$41,749.0	\$25,673.3	A-	Baa1	3.03	NY, PA	44.8%	8.6%	1.52
Dominion Energy Inc. (NYSE-D)	\$13,366.0	70%	15%	\$54,560.0	\$51,000.1	BBB+	Baa2	3.10	VA, NC, SC, OH, WV, UT	38.5%	12.31%	2.31
Duke Energy Corporation (NYSE-DUK)	\$24,521.0	90%	7%	\$91,694.0	\$63,736.1	A-	Baa1	2.47	NC, OH, FL, SC, KY	43.1%	6.2%	1.45
Edison International (NYSE-EIX)	\$12,657.0	100%	0%	\$41,348.0	\$18,107.4	BBB	Baa3	(0.48)	CA	45.1%	-2.4%	1.43
Energy Corporation (NYSE-ETR)	\$11,009.5	85%	1%	\$31,974.4	\$16,448.0	BBB+	Baa2	0.69	LA, AR, MS, TX	32.8%	10.2%	1.86
Eversource Energy (NYSE-EVRG)	\$4,275.9	100%	0%	\$18,782.5	\$14,840.0	A-	Baa1	3.11	KS, MO	54.2%	7.9%	1.49
Eversource Energy (NYSE-ES)	\$8,448.2	79%	10%	\$25,610.4	\$21,470.9	A-	Baa1	3.67	CT, NH, MA	46.7%	9.2%	1.87
Exelon Corporation (NYSE-EXC)	\$11,009.5	56%	5%	\$31,974.4	\$46,448.0	BBB+	Baa2	2.44	PA, NJ, IL, MD, DC, DE	47.8%	6.4%	1.40
FirstEnergy Corporation (NYSE-FE)	\$11,261.0	91%	0%	\$29,911.0	\$18,851.1	BBB	Baa3	2.17	OH, PA, NY, NJ, WV, MD	25.8%	25.1%	2.77
Hawaiian Electric Industries (NYSE-HE)	\$2,860.8	89%	0%	\$4,830.1	\$4,060.1	BBB-	NA	3.87	HI	51.2%	9.6%	1.88
IDACORP, Inc. (NYSE-IDA)	\$1,370.8	100%	0%	\$4,395.7	\$8,562.5	BBB	Baa1	3.85	ID	56.4%	9.8%	3.60
MGE Energy, Inc. (NYSE-MGEE)	\$559.8	72%	28%	\$1,509.4	\$2,303.7	AA-	NA	7.69	WI	61.5%	10.6%	2.82
NextEra Energy, Inc. (NYSE-NEE)	\$16,727.0	71%	0%	\$70,334.0	\$83,234.6	A-	Baa1	5.87	FL	49.8%	17.3%	2.22
NorthWestern Corporation (NYSE-NWE)	\$1,192.0	77%	23%	\$4,521.3	\$2,991.2	BBB	NA	2.94	MT, SD, NE	47.8%	10.5%	1.54
OGE Energy Corp. (NYSE-OGE)	\$2,270.3	100%	0%	\$8,643.8	\$7,899.1	BBB+	Baa1	4.19	OK, AR	56.0%	10.8%	1.97
Pinnacle West Capital Corp. (NYSE-PNW)	\$3,691.2	95%	0%	\$14,029.6	\$16,260.8	A-	A3	4.04	AZ	50.6%	10.1%	3.04
Portland General Electric Company (NYSE-POR)	\$1,991.0	100%	0%	\$6,887.0	\$4,287.2	BBB+	A3	2.85	OR	50.3%	8.6%	1.71
PNM Resources, Inc. (NYSE-PNM)	\$1,436.6	100%	0%	\$5,234.6	\$3,360.4	BBB+	Baa3	1.73	NM, TX	37.6%	5.8%	1.92
PPL Corporation (NYSE-PPL)	\$7,785.0	94%	4%	\$34,458.0	\$20,457.2	A-	Baa2	3.37	PA, KY	34.6%	16.3%	1.75
Sempra Energy (NYSE-SRE)	\$1,991.0	56%	44%	\$6,887.0	\$31,467.5	BBB+	Baa1	2.02	CA, TX	43.1%	6.5%	1.63
Southern Company (NYSE-SO)	\$23,495.0	65%	14%	\$80,797.0	\$48,493.6	A-	NA	2.49	GA, FL, NJ, IL, VA, TN, MS	38.3%	8.4%	1.67
WEC Energy Group (NYSE-WEC)	\$7,679.5	58%	42%	\$22,000.9	\$22,541.0	A-	Baa1	3.76	WI, IL, MN, MI	45.3%	3.3%	2.30
Xcel Energy Inc. (NYSE-XEL)	\$11,537.0	84%	15%	\$36,944.0	\$25,972.7	A-	Baa1	3.21	MN, WI, ND, SD, MI	41.5%	10.7%	2.13
Mean	\$7,851.8	81%	11%	\$26,964.6	\$21,986.1	BBB+	Baa1	3.14		46.0%	9.6%	2.00
Median	\$6,582.0	85%	6%	\$22,405.5	\$16,407.4	BBB+	Baa1	3.10		45.5%	9.7%	1.87

Data Source: Company 2018 SEC 10-K filings; Value Line Investment Survey, 2019.

Panel B  
 Morin Proxy Group

Company	Operating Revenue (\$mil)	Percent Reg Elec Revenue	Percent Reg Gas Revenue	Net Plant (\$mil)	Market Cap (\$mil)	S&P Issuer Credit Rating	Moody's Long Term Rating	Pre-Tax Interest Coverage	Primary Service Area	Common Equity Ratio	Return on Equity	Market to Book Ratio
Alliant Energy Corporation (NYSE-LNT)	\$3,534.5	85%	13%	\$12,462.4	\$10,172.3	A-	Baa1	3.31	WI, IA, IL, MN	44.6%	11.4%	2.13
Ameren Corporation (NYSE-AEE)	\$6,291.0	85%	15%	\$22,810.0	\$16,366.8	BBB+	Baa1	3.64	IL, MO	46.2%	10.9%	2.11
Avista Corp (NYSE-AVA)	\$1,396.9	64%	22%	\$4,648.9	\$2,881.1	BBB	Baa2	2.61	WA, OR, AK, ID	45.7%	7.8%	1.62
Black Hills Corporation (NYSE-BKH)	\$1,754.3	41%	58%	\$4,854.9	\$3,842.7	BBB+	Baa2	2.77	CO, SD, WV, MT	42.1%	13.3%	1.68
Centerpoint Energy (NYSE-CNP)	\$10,589.0	31%	28%	\$14,044.0	\$14,219.0	BBB+	Baa2	2.42	TX, MN, AR, LA, OK, IN, OH	44.7%	5.8%	1.76
Chesapeake Utilities (NYSE-CPK)	\$617.6	4%	43%	\$1,126.0	\$1.2	NA	NA	6.73	DE, MD, FL	45.4%	11.3%	2.62
CMS Energy Corporation (NYSE-CMS)	\$6,873.0	66%	28%	\$18,126.0	\$13,966.2	BBB+	Baa1	2.67	MI	28.9%	14.2%	2.91
Consolidated Edison, Inc. (NYSE-ED)	\$12,337.0	70%	19%	\$41,749.0	\$25,673.3	A-	Baa1	3.03	NY, PA	44.8%	8.6%	1.52
Dominion Energy Inc. (NYSE-D)	\$13,366.0	70%	15%	\$54,560.0	\$51,000.1	BBB+	Baa2	3.10	VA, NC, SC, OH, WV, UT	38.5%	12.31%	2.31
DTE Energy Company (NYSE-DTE)	\$14,212.0	37%	39%	\$21,650.0	\$20,066.4	BBB+	Baa1	3.15	MI	42.9%	10.8%	1.87
Duke Energy Corporation (NYSE-DUK)	\$24,521.0	90%	7%	\$91,694.0	\$63,736.1	A-	Baa1	2.47	NC, OH, FL, SC, KY	43.1%	6.2%	1.45
Eversource Energy (NYSE-ES)	\$8,448.2	79%	10%	\$25,610.4	\$21,470.9	A-	Baa1	3.67	CT, NH, MA	46.7%	9.2%	1.87
Exelon Corporation (NYSE-EXC)	\$11,009.5	56%	5%	\$31,974.4	\$46,448.0	BBB+	Baa2	2.44	PA, NJ, IL, MD, DC, DE	47.8%	6.4%	1.40
Fortis Inc. (FTS.TO)	\$ 6,148.6	NA	NA	\$ 23,930.4	\$24,861.3	A-	Baa3	2.49	AZ, NY, CAN	40.6%	14.3%	2.10
MGE Energy, Inc. (NYSE-MGEE)	\$559.8	72%	28%	\$1,509.4	\$2,303.7	AA-	Aa2	7.69	WI	61.5%	10.6%	2.82
NorthWestern Corporation (NYSE-NWE)	\$1,192.0	77%	23%	\$4,521.3	\$2,991.2	BBB	NA	2.94	MT, SD, NE	47.8%	10.5%	1.54
Public Service Enterprise Group Inc. (NYSE-PEG)	\$9,696.0	43%	57%	\$34,363.0	\$28,956.2	BBB+	Baa1	4.90	NJ	48.2%	10.2%	2.01
Sempra Energy (NYSE-SRE)	\$1,991.0	56%	44%	\$6,887.0	\$31,467.5	BBB+	Baa1	2.02	CA, TX	43.1%	6.5%	1.63
WEC Energy Group (NYSE-WEC)	\$7,679.5	58%	42%	\$22,000.9	\$22,541.0	A-	Baa1	3.76	WI, IL, MN, MI	45.3%	3.3%	2.30
Xcel Energy Inc. (NYSE-XEL)	\$11,537.0	84%	15%	\$36,944.0	\$25,972.7	A-	Baa1	3.21	MN, WI, ND, SD, MI	41.5%	10.7%	2.13
Mean	\$7,687.7	61%	27%	\$23,773.3	\$21,446.9	BBB+	Baa1	3.45		44.5%	9.7%	1.99
Median	\$7,276.3	66%	23%	\$21,825.5	\$20,768.6	BBB+	Baa1	3.06		44.8%	10.5%	1.94

Data Source: Company 2018 SEC 10-K filings; Value Line Investment Survey, 2019.

Panel C  
 Gas Proxy Group

Company	Operating Revenue (\$mil)	Percent Reg Elec Revenue	Percent Gas Revenue	Net Plant (\$mil)	Market Cap (\$mil)	S&P Issuer Credit Rating	Moody's Long Term Rating	Pre-Tax Interest Coverage	Primary Service Area	Common Equity Ratio	Return on Equity	Market to Book Ratio
Atmos Energy Company (NYSE-ATO)	\$2,759.7	0%	96%	\$9,259.2	\$9.0	A	NA	6.03	6 States*	56.69%	13.9%	2.18
Chesapeake Utilities (NYSE-CPK)	\$617.58	4%	43%	\$1,126.03	\$1.2	NA	NA	6.73	DE, MD, FL	45.44%	11.3%	2.62
New Jersey Resources Corp. (NYSE-NJR)	\$2,686.6	0%	25%	\$2,609.7	\$3.0	NA	NA	4.04	NJ	49.33%	17.6%	2.87
Nisource Inc (NYSE-NI)	\$51,114.5	33%	67%	\$15,542.5	\$9.6	BBB+	Baa2	(0.78)	7 States**	36.48%	-1.0%	1.67
Northwest Natural Holdings (NYSE-NWN)	\$762.2	0%	100%	\$2,255.0	\$1.7	BBB+	Baa1	(1.24)	OR, WA	44.43%	8.6%	2.37
ONE Gas, Inc. (NYSE-OGS)	\$1,539.6	0%	100%	\$4,007.6	\$3.8	A	NA	6.56	OK, KS, TX	56.31%	8.6%	2.12
South Jersey Industries, Inc. (NYSE-SJI)	\$1,243.1	0%	41%	\$2,700.2	\$2.5	BBB	NA	0.37	NJ	28.94%	1.4%	1.92
Southwest Gas Corporation (NYSE-SWX)	\$2,548.8	0%	47%	\$4,523.7	\$3.9	BBB+	Baa1	4.32	AZ, NV, CA	49.55%	8.9%	1.88
Spire (NYSE-SR)	\$1,740.7	0%	96%	\$3,665.2	\$3.2	A-	NA	3.68	MO	46.17%	10.1%	1.61
Mean	\$7,177.2	4%	68%	\$5,076.6	\$4.2	BBB+	NA	3.30		45.9%	8.8%	2.14
Median	\$1,740.7	0%	67%	\$3,665.2	\$3.2	BBB+	NA	4.04		46.2%	8.9%	2.12

Data Source: Company 2018 SEC 10-K filings; Value Line Investment Survey, 2019.

**Exhibit JRW-4**  
**Puget Sound Energy**  
**Value Line Risk Metrics**

**Panel A**  
**Electric Proxy Group**

Company	Beta	Financial Strength	Safety	Earnings Predictability	Stock Price Stability
ALLETE, Inc. (NYSE-ALE)	0.65	A	2	85	95
Alliant Energy Corporation (NYSE-LNT)	0.60	A	2	85	95
Ameren Corporation (NYSE-AEE)	0.55	A	2	80	100
American Electric Power Co. (NYSE-AEP)	0.55	A+	1	85	100
AVANGRID, Inc. (NYSE-AGR)	0.40	B++	2	NMF	95
Avista Corp (NYSE-AVA)	0.60	A	2	70	90
CMS Energy Corporation (NYSE-CMS)	0.55	B++	2	85	100
Consolidated Edison, Inc. (NYSE-ED)	0.45	A+	1	100	100
Dominion Energy Inc. (NYSE-D)	0.55	B++	2	60	100
Duke Energy Corporation (NYSE-DUK)	0.50	A	2	90	100
Edison International (NYSE-EIX)	0.60	B+	3	15	85
Energy Corporation (NYSE-ETR)	0.50	B++	2	60	95
Evergy (NYSE:EVRG)	NMF	B++	2	NMF	NMF
Eversource Energy (NYSE-ES)	0.55	A	1	95	100
Exelon Corporation (NYSE-EXC)	0.65	B++	2	60	95
FirstEnergy Corporation (NYSE-FE)	0.65	B++	2	40	90
Hawaiian Electric Industries (NYSE-HE)	0.55	A	2	60	100
IDACORP, Inc. (NYSE-IDA)	0.55	A	2	95	95
MGE Energy, Inc. (NYSE-MGEE)	0.55	A	1	90	85
NextEra Energy, Inc. (NYSE-NEE)	0.55	A+	1	70	100
NorthWestern Corporation (NYSE-NWE)	0.60	B++	2	85	95
OGE Energy Corp. (NYSE-OGE)	0.80	A	2	80	95
Pinnacle West Capital Corp. (NYSE-PNW)	0.55	A+	1	95	100
PNM Resources, Inc. (NYSE-PNM)	0.60	B+	3	75	85
Portland General Electric Company (NYSE-POR)	0.60	B++	2	85	95
PPL Corporation (NYSE-PPL)	0.70	B++	2	70	95
Sempra Energy (NYSE-SRE)	0.75	A	2	70	95
Southern Company (NYSE-SO)	0.50	A	2	85	100
WEC Energy Group (NYSE-WEC)	0.50	A+	1	90	100
Xcel Energy Inc. (NYSE-XEL)	0.50	A+	1	100	100
Mean	0.57	A	1.8	77	96

Data Source: Value Line Investment Survey, 2019.

**Panel B**  
**Morin Proxy Group**

Company	Beta	Financial Strength	Safety	Earnings Predictability	Stock Price Stability
Alliant Energy Corporation (NYSE-LNT)	0.60	A	2	85	95
Ameren Corporation (NYSE-AEE)	0.55	A	2	80	100
Avista Corp (NYSE-AVA)	0.60	A	2	70	90
Black Hills Corporation (NYSE-BKH)	0.70	A	2	60	80
Centerpoint Energy (NYSE-CNP)	0.80	B+	3	50	95
Chesapeake Utilities (NYSE-CPK)	0.55	B++	2	85	100
CMS Energy Corporation (NYSE-CMS)	0.55	B++	2	85	100
Consolidated Edison, Inc. (NYSE-ED)	0.45	A+	1	100	100
Dominion Energy Inc. (NYSE-D)	0.55	B++	2	60	100
DTE Energy Company (NYSE-DTE)	0.55	B++	2	85	100
Duke Energy Corporation (NYSE-DUK)	0.50	A	2	90	100
Eversource Energy (NYSE-ES)	0.55	A	1	95	100
Exelon Corporation (NYSE-EXC)	0.65	B++	2	60	95
Fortis (TSE-FTS.TO)	0.65	B++	2	30	70
MGE Energy, Inc. (NYSE-MGEE)	0.55	A	1	90	85
NorthWestern Corporation (NYSE-NWE)	0.60	B++	2	85	95
Public Service Enterprise Group Inc. (NYSE-PEG)	0.65	A++	1	70	95
Sempra Energy (NYSE-SRE)	0.75	A	2	70	95
WEC Energy Group (NYSE-WEC)	0.50	A+	1	90	100
Xcel Energy Inc. (NYSE-XEL)	0.50	A+	1	100	100
Mean	0.59	A	1.8	77	95

Data Source: Value Line Investment Survey, 2019.

**Panel C**  
**Gas Proxy Group**

Company	Beta	Financial Strength	Safety	Earnings Predictability	Stock Price Stability
Atmos Energy Company (NYSE-ATO)	0.60	A+	1	100	100
Chesapeake Utilities (NYSE-CPK)	0.65	B++	2	90	75
New Jersey Resources Corp. (NYSE-NJR)	0.70	A+	1	45	85
Nisource Inc (NYSE-NI)	0.55	B+	3	35	100
Northwest Natural Gas Co. (NYSE-NWN)	0.60	A	1	5	95
ONE Gas, Inc. (NYSE-OGS)	0.65	A	2	95	95
South Jersey Industries, Inc. (NYSE-SJI)	0.80	A	2	65	80
Southwest Gas Corporation (NYSE-SWX)	0.70	B++	3	90	85
Spire (NYSE-SR)	0.65	B++	2	65	95
Mean	0.66	A	1.9	66	90

Data Source: Value Line Investment Survey, 2019.

### *Value Line* Risk Metrics

#### **Beta**

A relative measure of the historical sensitivity of a stock's price to overall fluctuations in the New York Stock Exchange Composite Index. A beta of 1.50 indicates a stock tends to rise (or fall) 50% more than the New York Stock Exchange Composite Index. The "coefficient" is derived from a regression analysis of the relationship between weekly percentage changes in the price of a stock and weekly percentage changes in the NYSE Index over a period of five years. In the case of shorter price histories, a smaller time period is used, but two years is the minimum. Betas are adjusted for their long-term tendency to converge toward 1.00.

#### **Financial Strength**

A relative measure of the companies reviewed by *Value Line*. The relative ratings range from A++ (strongest) down to C (weakest).

#### **Safety Rank**

A measurement of potential risk associated with individual common stocks. The Safety Rank is computed by averaging two other *Value Line* indexes the Price Stability Index and the Financial strength Rating. Safety Ranks range from 1 (Highest) to 5 (Lowest). Conservative investors should try to limit their purchases to equities ranked 1 (Highest) and 2 (Above Average) for Safety.

#### **Earnings Predictability**

A measure of the reliability of an earnings forecast. Earnings Predictability is based upon the stability of year-to-year comparisons, with recent years being weighted more heavily than earlier ones. The most reliable forecasts tend to be those with the highest rating (100); the least reliable, the lowest (5). The earnings stability is derived from the standard deviation of percentage changes in quarterly earnings over an eight-year period. Special adjustments are made for comparisons around zero and from plus to minus.

#### **Stock Price Stability**

A measure of the stability of a stock's price. It includes sensitivity to the market (see Beta as well as the stock's inherent volatility). *Value Line's* Stability ratings range from 1 (highest) to 5 (lowest).