

**EXH. AEB-21
DOCKETS UE-240004/UG-240005 et al.
2024 PSE GENERAL RATE CASE
WITNESS: ANN E. BULKLEY**

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

PUGET SOUND ENERGY,

Respondent.

**Docket UE-240004
Docket UG-240005
(consolidated)**

In the Matter of the Petition of

PUGET SOUND ENERGY

**For an Accounting Order Authorizing
deferred accounting treatment of
purchased power agreement expenses
pursuant to RCW 80.28.410**

**Docket UE 230810
(consolidated)**

**SECOND EXHIBIT (NONCONFIDENTIAL) TO THE
PREFILED REBUTTAL TESTIMONY OF**

ANN E. BULKLEY

ON BEHALF OF PUGET SOUND ENERGY

SEPTEMBER 18, 2024

Constant Growth DCF Analysis

30-Day Average Stock Prices

Company	Ticker	Annualized Dividend	Stock Price	Dividend Yield	Expected Dividend Yield	Value Line	Projected EPS Growth Rate			Cost of Equity		
							Yahoo! Finance	Zacks	Average	Minimum Gwth Rate	Average Gwth Rate	Maximum Gwth Rate
NiSource Inc.	NI	\$1.06	\$29.44	3.60%	3.74%	9.50%	7.50%	6.00%	7.67%	9.71%	11.40%	13.27%
Alliant Energy Corporation	LNT	\$1.92	\$52.58	3.65%	3.78%	6.00%	7.70%	6.80%	6.83%	9.76%	10.61%	11.49%
Ameren Corporation	AEE	\$2.68	\$73.38	3.65%	3.76%	6.50%	5.50%	6.20%	6.07%	9.25%	9.83%	10.27%
American Electric Power Company, Inc.	AEP	\$3.52	\$90.92	3.87%	4.00%	6.50%	6.46%	6.20%	6.39%	10.19%	10.38%	10.50%
Avista Corporation	AVA	\$1.90	\$35.91	5.29%	5.44%	5.00%	6.20%	n/a	5.60%	10.42%	11.04%	11.66%
Black Hills Corporation	BKH	\$2.60	\$55.94	4.65%	4.70%	4.00%	0.70%	n/a	2.35%	5.36%	7.05%	8.74%
CMS Energy Corporation	CMS	\$2.06	\$60.76	3.39%	3.50%	5.00%	7.60%	7.60%	6.73%	8.48%	10.24%	11.12%
Duke Energy Corporation	DUK	\$4.10	\$103.87	3.95%	4.06%	5.00%	6.66%	6.10%	5.92%	9.05%	9.98%	10.74%
Energy Corporation	ETR	\$4.52	\$108.69	4.16%	4.26%	0.50%	6.80%	7.30%	4.87%	4.67%	9.13%	11.61%
Energy, Inc.	EVRG	\$2.57	\$54.38	4.73%	4.87%	7.50%	6.00%	5.00%	6.17%	9.84%	11.04%	12.40%
IDACORP, Inc.	IDA	\$3.32	\$94.03	3.53%	3.62%	5.50%	4.40%	n/a	4.95%	8.01%	8.57%	9.13%
NextEra Energy, Inc.	NEE	\$2.06	\$72.77	2.83%	2.95%	8.00%	8.20%	8.10%	8.10%	10.94%	11.05%	11.15%
NorthWestern Corporation	NWE	\$2.60	\$51.00	5.10%	5.21%	4.00%	4.50%	n/a	4.25%	9.20%	9.46%	9.71%
OGE Energy Corporation	OGE	\$1.67	\$36.29	4.61%	4.74%	6.50%	negative	5.00%	5.75%	9.73%	10.49%	11.26%
Pinnacle West Capital Corporation	PNW	\$3.52	\$78.49	4.48%	4.63%	4.50%	7.20%	8.20%	6.63%	9.09%	11.27%	12.87%
Portland General Electric Company	POR	\$2.00	\$44.58	4.49%	4.69%	6.00%	12.50%	n/a	9.25%	10.62%	13.94%	17.27%
Southern Company	SO	\$2.88	\$79.87	3.61%	3.73%	6.50%	7.30%	7.00%	6.93%	10.22%	10.66%	11.04%
Wisconsin Energy Corporation	WEC	\$3.34	\$80.38	4.16%	4.30%	6.00%	7.21%	7.90%	7.04%	10.28%	11.34%	12.22%
Xcel Energy Inc.	XEL	\$2.19	\$54.52	4.02%	4.15%	7.00%	6.73%	6.40%	6.71%	10.55%	10.86%	11.16%
Mean				4.09%	4.22%	5.76%	6.62%	6.70%	6.22%	9.23%	10.44%	11.45%
Median				4.02%	4.15%	6.00%	6.77%	6.60%	6.39%	9.73%	10.61%	11.16%

Notes:

- [1] Bloomberg Professional
- [2] Bloomberg Professional, equals 30-day average as of July 31, 2024
- [3] Equals [1] / [2]
- [4] Equals [3] x (1 + 0.50 x [8])
- [5] Value Line
- [6] Yahoo! Finance
- [7] Zacks
- [8] Equals Average ([5], [6], [7])
- [9] Equals [3] x (1 + 0.50 x Minimum ([5], [6], [7]) + Minimum ([5], [6], [7]))
- [10] Equals [4] + [8]
- [11] Equals [3] x (1 + 0.50 x Maximum ([5], [6], [7]) + Maximum ([5], [6], [7]))

Constant Growth DCF Analysis

90-Day Average Stock Prices

Company	Ticker	Annualized Dividend	Stock Price	Dividend Yield	Expected Dividend Yield	Value Line	Projected EPS Growth Rate			Cost of Equity		
							Yahoo! Finance	Zacks	Average	Minimum Gwth Rate	Average Gwth Rate	Maximum Gwth Rate
NiSource Inc.	NI	\$1.06	\$28.30	3.75%	3.89%	9.50%	7.50%	6.00%	7.67%	9.86%	11.56%	13.42%
Alliant Energy Corporation	LNT	\$1.92	\$50.51	3.80%	3.93%	6.00%	7.70%	6.80%	6.83%	9.92%	10.76%	11.65%
Ameren Corporation	AEE	\$2.68	\$72.68	3.69%	3.80%	6.50%	5.50%	6.20%	6.07%	9.29%	9.87%	10.31%
American Electric Power Company, Inc.	AEP	\$3.52	\$88.11	4.00%	4.12%	6.50%	6.46%	6.20%	6.39%	10.32%	10.51%	10.62%
Avista Corporation	AVA	\$1.90	\$35.64	5.33%	5.48%	5.00%	6.20%	n/a	5.60%	10.46%	11.08%	11.70%
Black Hills Corporation	BKH	\$2.60	\$54.73	4.75%	4.81%	4.00%	0.70%	n/a	2.35%	5.47%	7.16%	8.85%
CMS Energy Corporation	CMS	\$2.06	\$60.42	3.41%	3.52%	5.00%	7.60%	7.60%	6.73%	8.49%	10.26%	11.14%
Duke Energy Corporation	DUK	\$4.10	\$100.60	4.08%	4.20%	5.00%	6.66%	6.10%	5.92%	9.18%	10.12%	10.87%
Energy Corporation	ETR	\$4.52	\$107.66	4.20%	4.30%	0.50%	6.80%	7.30%	4.87%	4.71%	9.17%	11.65%
Energy, Inc.	EVRG	\$2.57	\$53.29	4.82%	4.97%	7.50%	6.00%	5.00%	6.17%	9.94%	11.14%	12.50%
IDACORP, Inc.	IDA	\$3.32	\$93.68	3.54%	3.63%	5.50%	4.40%	n/a	4.95%	8.02%	8.58%	9.14%
NextEra Energy, Inc.	NEE	\$2.06	\$70.72	2.91%	3.03%	8.00%	8.20%	8.10%	8.10%	11.03%	11.13%	11.23%
NorthWestern Corporation	NWE	\$2.60	\$50.30	5.17%	5.28%	4.00%	4.50%	n/a	4.25%	9.27%	9.53%	9.79%
OGE Energy Corporation	OGE	\$1.67	\$35.09	4.77%	4.90%	6.50%	negative	5.00%	5.75%	9.89%	10.65%	11.42%
Pinnacle West Capital Corporation	PNW	\$3.52	\$75.59	4.66%	4.81%	4.50%	7.20%	8.20%	6.63%	9.26%	11.44%	13.05%
Portland General Electric Company	POR	\$2.00	\$43.17	4.63%	4.85%	6.00%	12.50%	n/a	9.25%	10.77%	14.10%	17.42%
Southern Company	SO	\$2.88	\$76.33	3.77%	3.90%	6.50%	7.30%	7.00%	6.93%	10.40%	10.84%	11.21%
Wisconsin Energy Corporation	WEC	\$3.34	\$80.83	4.13%	4.28%	6.00%	7.21%	7.90%	7.04%	10.26%	11.31%	12.20%
Xcel Energy Inc.	XEL	\$2.19	\$54.07	4.05%	4.19%	7.00%	6.73%	6.40%	6.71%	10.58%	10.90%	11.19%
Mean				4.18%	4.31%	5.76%	6.62%	6.70%	6.22%	9.32%	10.53%	11.55%
Median				4.08%	4.20%	6.00%	6.77%	6.60%	6.39%	9.89%	10.76%	11.23%

Notes:

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Constant Growth DCF Analysis

180-Day Average Stock Prices

Company	Ticker	Annualized Dividend	Stock Price	Dividend Yield	Expected Dividend Yield	Value Line	Projected EPS Growth Rate			Cost of Equity		
							Yahoo! Finance	Zacks	Average	Minimum Gwth Rate	Average Gwth Rate	Maximum Gwth Rate
NiSource Inc.	NI	\$1.06	\$26.93	3.94%	4.09%	9.50%	7.50%	6.00%	7.67%	10.05%	11.75%	13.62%
Alliant Energy Corporation	LNT	\$1.92	\$49.46	3.88%	4.01%	6.00%	7.70%	6.80%	6.83%	10.00%	10.85%	11.73%
Ameren Corporation	AEE	\$2.68	\$72.06	3.72%	3.83%	6.50%	5.50%	6.20%	6.07%	9.32%	9.90%	10.34%
American Electric Power Company, Inc.	AEP	\$3.52	\$83.63	4.21%	4.34%	6.50%	6.46%	6.20%	6.39%	10.54%	10.73%	10.85%
Avista Corporation	AVA	\$1.90	\$34.62	5.49%	5.64%	5.00%	6.20%	n/a	5.60%	10.63%	11.24%	11.86%
Black Hills Corporation	BKH	\$2.60	\$53.07	4.90%	4.96%	4.00%	0.70%	n/a	2.35%	5.62%	7.31%	9.00%
CMS Energy Corporation	CMS	\$2.06	\$58.66	3.51%	3.63%	5.00%	7.60%	7.60%	6.73%	8.60%	10.36%	11.25%
Duke Energy Corporation	DUK	\$4.10	\$96.57	4.25%	4.37%	5.00%	6.66%	6.10%	5.92%	9.35%	10.29%	11.05%
Energy Corporation	ETR	\$4.52	\$103.38	4.37%	4.48%	0.50%	6.80%	7.30%	4.87%	4.88%	9.35%	11.83%
Energy, Inc.	EVRG	\$2.57	\$51.58	4.98%	5.14%	7.50%	6.00%	5.00%	6.17%	10.11%	11.30%	12.67%
IDACORP, Inc.	IDA	\$3.32	\$93.15	3.56%	3.65%	5.50%	4.40%	n/a	4.95%	8.04%	8.60%	9.16%
NextEra Energy, Inc.	NEE	\$2.06	\$64.20	3.21%	3.34%	8.00%	8.20%	8.10%	8.10%	11.34%	11.44%	11.54%
NorthWestern Corporation	NWE	\$2.60	\$49.25	5.28%	5.39%	4.00%	4.50%	n/a	4.25%	9.38%	9.64%	9.90%
OGE Energy Corporation	OGE	\$1.67	\$34.12	4.90%	5.04%	6.50%	negative	5.00%	5.75%	10.03%	10.79%	11.56%
Pinnacle West Capital Corporation	PNW	\$3.52	\$72.40	4.86%	5.02%	4.50%	7.20%	8.20%	6.63%	9.47%	11.66%	13.26%
Portland General Electric Company	POR	\$2.00	\$41.82	4.78%	5.00%	6.00%	12.50%	n/a	9.25%	10.93%	14.25%	17.58%
Southern Company	SO	\$2.88	\$72.29	3.98%	4.12%	6.50%	7.30%	7.00%	6.93%	10.61%	11.06%	11.43%
Wisconsin Energy Corporation	WEC	\$3.34	\$80.40	4.15%	4.30%	6.00%	7.21%	7.90%	7.04%	10.28%	11.34%	12.22%
Xcel Energy Inc.	XEL	\$2.19	\$55.79	3.93%	4.06%	7.00%	6.73%	6.40%	6.71%	10.45%	10.77%	11.06%
Mean				4.31%	4.44%	5.76%	6.62%	6.70%	6.22%	9.45%	10.66%	11.68%
Median				4.21%	4.34%	6.00%	6.77%	6.60%	6.39%	10.03%	10.79%	11.54%

Notes:

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