NW Natural Rates & Regulatory Affairs As per 2022 WA Commission Basis Report Calculation of Weighted Average of Short and Long Term Debt Dec 31, 2022

		2022 Dec
Palancos		Dec
Balances	L.	
Long Term Debt	\$	1,125,877,254
Short Term Debt	\$	170,200,000
Total Debt at Dec 31, 2022	\$	1,296,077,254
Average Cost		
Long Term Debt		4.472%
Short Term Debt		4.519%
LT Debt % of Total Debt		86.9%
ST Debt % of Total Debt		13.1%
Weighted Average Cost of Debt		4.48%