NorthWestern Corporation, dba NorthWestern Energy South Dakota Rate Review Workpapers for Interest Synchronization December 31, 2022 Test Year

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Line	Description	Amount	
	(a)	(b)	
1	Investment To Be Financed (Average Rate Base)	\$787,278,751	
2	Weighted Cost of Long Term Debt	2.140%	
3	Synchronized Interest Expense	\$ 16,847,765	
4	Interest Expense as filed	\$ 10,866,498	
5	Difference In Interest Expense	\$ 5,981,267	
6	Federal Income Tax Adjustment (21%)	\$ (1,256,066)	