

Northern States Power Company  
Test Year Ending December 31, 2024  
Primary Distribution Line Allocators

Docket No. EL25-\_\_\_\_  
Exhibit\_\_\_\_(CJB-1), Schedule 5  
Page 1 of 1

Line	Primary Distribution Cost	Allocator Derivation	Allocator Label	SD	Customer Class				
					Resid	Commercial Non Demand	C&I Demand Secondary	C&I Demand Primary	Ltg
1	Customer Portion of <b>Multi-Phase</b> Primary Lines	Number of Customers	C61PS	105,574	92,001	8,372	4,566	45	591
2	Capacity Portion of <b>Multi-Phase</b> Primary Lines	Class Coincident Peak Demands	D61PS	596,127	264,544	24,354	248,394	55,004	3,830
3	% of Customers Served by Primary <b>Single Phase</b> Lines				75.7%	42.1%	12.8%	21.7%	51.7%
4	Customer Portion of <b>Single-Phase</b> Primary Lines	line 1 x line 3	C61PS1Ph	74,024	69,602	3,522	585	10	306
5	Capacity Portion of <b>Single-Phase</b> Primary Lines	line 2 x line 3	D61PS1Ph	256,157	200,138	10,245	31,836	11,957	1,981
6	Customer Portion of <b>Multi-Phase</b> Primary Lines	Cost Allocator %	C61PS	100.0%	87.14%	7.93%	4.32%	0.04%	0.56%
7	Capacity Portion of <b>Multi-Phase</b> Primary Lines	Cost Allocator %	D61PS	100.0%	44.38%	4.09%	41.67%	9.23%	0.64%
8	Customer Portion of <b>Single-Phase</b> Primary Lines	Cost Allocator %	C61PS1Ph	100.0%	94.03%	4.76%	0.79%	0.01%	0.41%
9	Capacity Portion of <b>Single-Phase</b> Primary Lines	Cost Allocator %	D61PS1Ph	100.0%	78.13%	4.00%	12.43%	4.67%	0.77%